

# **TOLL FACILITIES IN THE UNITED STATES**

**Bridges - Roads - Tunnels - Ferries**

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**Office of Highway Policy Information  
Federal Highway Administration**

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## LIST OF ABBREVIATIONS AND ACRONYMS

<b>Auth</b>	<b>Authority</b>	<b>Jct</b>	<b>Junction</b>
<b>Ave</b>	<b>Avenue</b>	<b>Mi</b>	<b>Mile</b>
<b>AVI</b>	<b>Automatic Vehicle Identification</b>	<b>Mtn</b>	<b>Mountain</b>
<b>Brdg</b>	<b>Bridge</b>	<b>N/A</b>	<b>Not Available</b>
<b>BC</b>	<b>British Columbia, Canada</b>	<b>NHS</b>	<b>National Highway System</b>
<b>Cnty</b>	<b>County</b>	<b>NS</b>	<b>Nova Scotia, Canada</b>
<b>Co</b>	<b>Company</b>	<b>ON</b>	<b>Ontario, Canada</b>
<b>Com</b>	<b>Commission</b>	<b>Pkwy</b>	<b>Parkway</b>
<b>Const</b>	<b>Construction</b>	<b>Rd</b>	<b>Road</b>
<b>Corp</b>	<b>Corporation</b>	<b>Rdway</b>	<b>Roadway</b>
<b>Dept</b>	<b>Department</b>	<b>Sec</b>	<b>Section</b>
<b>Dev</b>	<b>Development</b>	<b>Serv</b>	<b>Service</b>
<b>Dist</b>	<b>District</b>	<b>SH</b>	<b>State Highway</b>
<b>Dr</b>	<b>Drive</b>	<b>St</b>	<b>Street</b>
<b>Env</b>	<b>Environmental</b>	<b>Sys</b>	<b>System</b>
<b>Etc</b>	<b>Electronic Toll Collection</b>	<b>TIRIS</b>	<b>Texas Instruments Registration Identification System</b>
<b>Expway</b>	<b>Expressway</b>	<b>Traf</b>	<b>Traffic</b>
<b>Ext</b>	<b>Extension</b>	<b>Trans</b>	<b>Transportation</b>
<b>FHWA</b>	<b>Federal Highway Administration</b>	<b>Trnpke</b>	<b>Turnpike</b>
<b>Hazmat</b>	<b>Hazardous Materials</b>	<b>US</b>	<b>United States</b>
<b>Hwy</b>	<b>Highway</b>	<b>Veh</b>	<b>Vehicle</b>
<b>Id</b>	<b>Identification</b>	<b>Vet</b>	<b>Veteran</b>
<b>Internatl</b>	<b>International</b>	<b>4R</b>	<b>Resurfacing, Restoring, Rehabilitation, Reconstruction</b>
<b>IS</b>	<b>Interstate System</b>		
<b>ISTEA</b>	<b>Intermodal Surface Transportation Efficiency Act</b>		

## Table of Contents

History and Current Policy .....	vii
Data Explanation .....	xiv
Fact Sheet .....	1
Toll Mileage Trends .....	2
Table T-1:	
Part 1, Interstate System Toll Bridges and Tunnels in the United States .....	3
Part 2, Non-Interstate System Toll Bridges and Tunnels in the United States .....	4
Part 3, Interstate System Toll Roads in the United States .....	9
Part 4, Non-Interstate System Toll Roads in the United States .....	13
Part 5, Vehicular Toll Ferries in the United States .....	17
Table T-2, Other Proposed Toll Facilities .....	21
Tables from <i>1997 Highway Statistics</i> :	
SF-3B, Receipts of State-Administered Toll Road and Crossing Facilities .....	23
SF-4B, Disbursements of State-Administered Toll Road and Crossing Facilities .....	25
LGF-3B, Receipts of Local Toll Facilities .....	27
LGF-4B, Disbursements of Local Toll Facilities .....	29
Appendix .....	31
Toll Facility Listing .....	33
Bibliography .....	37

# **Toll Roads in the United States: History and Current Policy**

## **History**

The early settlers who came to America found a land of dense wilderness, interlaced with creeks, rivers, and streams. Within this wilderness was an extensive network of trails, many of which were created by the migration of the buffalo and used by the Native American Indians as hunting and trading routes. These primitive trails were at first crooked and narrow. Over time, the trails were widened, straightened and improved by settlers for use by horse and wagons. These became some of the first roads in the new land.

After the American Revolution, the National Government began to realize the importance of westward expansion and trade in the development of the new Nation. As a result, an era of road building began. This period was marked by the development of turnpike companies, our earliest toll roads in the United States. In 1792, the first turnpike was chartered and became known as the Philadelphia and Lancaster Turnpike in Pennsylvania. It was the first road in America covered with a layer of crushed stone. The boom in turnpike construction began, resulting in the incorporation of more than 50 turnpike companies in Connecticut, 67 in New York, and others in Massachusetts and around the country. A notable turnpike, the Boston-Newburyport Turnpike, was 32 miles long and cost approximately \$12,500 per mile to construct.

As the Nation grew, so did the need for improved roads. In 1806, the Federal Government passed legislation to fund the National Road, known as the Cumberland Road. This road would stretch from Maryland through Pennsylvania, over the Cumberland Mountains, to the Ohio River. For a period of time, these roads served the new Nation well. However, with the use of heavier wagons and the large movements of entire families across the country, a strain on the infrastructure was evident. The roads in this country were still dirt and gravel--paved, rutted, and impassable in bad weather.

Toward the 1880s, America began to see the increased use of bicycles as a form of transportation, which led to the "Good Roads Movement," mainly through bicyclist clubs across the country. In addition, with the advent of the automobile, new and better roads were required. The Federal Government responded by creating the Office of Road Inquiry in 1893. This agency was responsible for collecting data, answering questions, and assisting in road improvements. Later, this infant agency grew to help finance road construction (Post Office Appropriation Act of 1912)--the beginning of the Federal-aid roads. Soon, connecting highways emerged from contributions of State and local governments as well as Federal financing. People were traveling further and more frequently.

World War I saw greater dependence on these vital roadways, especially manufacturing centers. Following the war, the Federal Highway Act of 1921 provided financial assistance to the States to build roads and bridges. The need for a nationwide interconnecting system of highways became clearer. By the end of the 1920s, more than half of all American families owned automobiles. Engineers were kept busy building highways, bridges, and tunnels, especially in the larger cities such as New York, Boston, Los Angeles, and San Francisco. Tolls were used on many roads, bridges, and tunnels to help pay for this building boom. The Holland Tunnel in New York was completed in the mid-1920s and opened up routes into the heart of New York City. It was referred to as the "Eighth Wonder of the World." The Golden Gate Bridge in San Francisco, built in the 1930s, provided access into San Francisco from across the bay.

World War II created even greater reliance on our vital highway systems. The roads, bridges, and tunnels served as defense routes for the war effort. After the war, the growth of the suburbs increased the use of the automobile. The use of the automobile grew to include not only trips to work but to social activities and recreational outlets as well. In the immediate post-World War II era, several States recognized that modern, high quality highway systems were needed to meet this demand. The Pennsylvania Turnpike was the first of these roads, and was an immediate success. From around 1945 to 1955, many States, mainly located in the North and East, began to build State turnpikes on their primary long-distance travel corridors.

Beginning around the time of World War I, the Federal Government, for primarily military reasons, began to study the possibility of building high-quality roads across the Nation. One option for the financing of these roads was to collect tolls. However, the Federal-Aid Highway Act, enacted in 1956--which provided for a coast-to-coast highway system, connecting important cities and industrial centers to one another--was legislated as a tax-supported system, not a toll system. With the implementation of Federal-aid to States to build the Interstate System, proposals for additional toll roads languished. By 1963, the last of the toll roads planned before the Federal-aid system was legislated opened, and few additional proposals were seriously considered.

By 1980, the Nation's highway transportation infrastructure began to show signs of age through heavy use. There was general public concern that the U.S. was falling behind in its commitment to building and maintaining highway infrastructure. Several trends contributed to this perception. There had been phenomenal growth in the purchase and use of highway vehicles. There was an acknowledgment that governments at all levels were short of funds, and that in some cases, rather than continuing to raise taxes, it would be easier to defer maintenance and reconstruction of infrastructure of all kinds. Furthermore, there was a timing problem in that roads built in the peak years of new Interstate construction (roughly 1960-1980) were approaching the end of their design life and were wearing out. These concerns were one reason the toll road concept began to re-emerge.

Another reason toll facilities are being reconsidered is the increasing ability of electrical equipment to identify vehicles and record and store large amounts of data: a technology that is transforming our way of thinking about toll collection. Electronic toll collection (ETC) leads to significant declines in the operating costs of toll facilities. Furthermore, ETC, by not stopping the vehicle, reduces lines at toll booths, reduces vehicle operating costs, and therefore directly benefits the traveling public. Public acceptance and familiarity with the ease, accuracy, privacy, and fairness of ETC, are likely to make these toll-charging methods much more pervasive on toll roads in the near future. Technology does come at a cost. For example, more work must be done to increase compatibility among competing electronic toll collection technologies, but the shortcomings can and will be overcome.

But toll financing concepts are changing in other ways. In some circles, the proposition is put forward that goods and services currently provided by the public sector could also be provided by the private sector, perhaps with gains in efficiency. Highway facilities are identified as one of the areas where the private sector might be willing to invest if there were a high probability of recouping the investment through the collection of tolls. With the possibility of privately financed toll roads, some large engineering and construction management firms believe that a highway market might exist that had not been explored by their firms. Under typical public provision of U.S. highways, the State does (or contracts out) the design work and then awards distinct contracts to carry out parts of the completed plans. If the project meets certain criteria, it is eligible for Federal-aid reimbursement (Federal-aid pays the State back a portion of its costs of construction). Some private firms, however, have proposed to do the whole process themselves and take advantage of efficiencies such as simultaneous design and construction. Furthermore, there was the feeling by these firms that the time might be right to put some of their own equity into these projects, and finance, build, and

operate the entire facility themselves.

These forces appear to suggest that both public and private toll roads may be additional means of financing and constructing U.S. highway facilities in the near future. Public-private partnerships, defined as an agreement between the public (government) and the private sector to develop, finance, construct, operate, own, and maintain highway facilities, will be one of the alternatives. To what extent they could become a major force in highway finance will depend on the abilities of the individual public-private ventures to overcome existing institutional barriers.

## **Current Policy: State Legislative Provisions**

It should not be surprising to find that States which pass toll road legislation do not follow a fixed pattern as each State confronts unique circumstances. But the following provisions in State toll road legislation are common:

- C creation of an authority or commission,
- C scope, purpose, and function of the entity,
- C definition of terms
- C delineation of the district within the entity operates,
- C details about the entity's governing board,
- C the legal powers of the entity,
- C the authority to issue bonds and use tolls,
- C authority to set and revise tolls,
- C ability to invest bond proceeds,
- C administrative requirements (audits, annual reports, etc.),
- C constraints on the use of the funds,
- C rights and remedies of bondholders,
- C tax-exempt status of the entity's property and bonds,
- C venue and jurisdiction for legal actions,
- C police powers,
- C operating, maintenance and repair obligations, and
- C relationships with other entities.

A successful toll road project can be built with virtually any mix of public and private financial sponsorship. Several prototypical models have developed, incorporating increasing amounts of private involvement along with non-governmental funds. As the private sector contributes more equity financing and assumes more risks, the partnership develops more characteristics of full privatization. The structures described here fit along a continuum from traditional public to mostly private:

- C *Traditional New Public Highway:* State government ownership and funding with investment commonly justified by general system-wide public needs.
- C *Traditional New Public Toll-Road Delivery:* Public authority ownership and operation, using toll revenues to finance non-recourse and State-backed tax-exempt debt to construct the facility and provide interim operating funds.

Although the traditional public toll authority does not incorporate private sector participation in the ways that the models described in the following sub-bullets do, it nonetheless provides an alternative structure for

tollways. The following illustrates a number of variations of the traditional public toll authority.

- C *City or County Government*: Local toll road and bridge financial and ownership aspects which are completely controlled by a local government. Local taxes and bond revenue may be set aside for specific toll projects as the need arises, and the toll revenues are disbursed as the local government sees fit.
- C *Local Commissions or Authorities*: Toll entities which are created by State statute and act like independent State commissions. They are completely financially independent of the local government, although they may be directed by a board of commissioners appointed by the government or actually be a division of the local government. These authorities have ultimate financial responsibility for all commitments entered into and completely fund their own projects.
- C *Dependent State Authorities*: In essence, this type of authority acts as a financial extension of the State Department of Transportation. The authority is responsible for all debt issued, but transfers the bond revenues and the operation of the toll system to the State under a lease agreement. The lease payments received from the State are then applied to service the debt.
- C *Independent State Authorities or Commissions*: State commissions and authorities which are autonomous in financial responsibilities such as fixing toll rates and charges as well as repayment of debt, but subject to some degree of political control as the governor appoints members of the board and the authority's debt issuance may or may not be subject to review by a State finance board. No funding is received from the State, and ultimate payment of debt is the sole obligation of the authority.
- C *Innovative Financing for New Public Facilities*: Public ownership and operation with full or partial reliance on revenue sources such as development impact fees as well as tolls.
- C *Blended Public-Private Financing for New Public Toll Road Delivery*: Control and direction under governmental oversight, usually by a local authority; financing delivers a complete, stand-alone project without recourse to government funding if toll revenues are not sufficient.
- C *Public-Private Partnerships to Deliver New Road Capacity*: Substantial private equity participation and a strong private role in finance, construction, and operation; public role tends more toward framing the overall agreement, contributing pre-development costs, or assembling rights of way.
- C *Privately Supplied New Highway*: Finance provided and risk borne almost entirely by private developers and their financial supporters; significant private equity combined with the issuance of taxable debt.

## **Current Policy: Federal Legislative Provisions**

The Federal-Aid Highway Program has operated under the assumption that tax-supported roads were preferable to toll roads. With the implementation of the 1956 Highway Act legislation, a method for dealing with State toll roads that were to be incorporated into the Interstate System routes was developed. These toll roads were signed as Interstate routes, but continued to collect tolls under agreements which specified that when the toll road bonds were paid off, the toll facilities would revert to toll-free status. Since 1987, Federal legislative actions have revealed a changing attitude about toll roads. The Surface Transportation and

Uniform Relocation Assistance Act of 1987 provided a toll road pilot program in which nine States were given the authority to pursue development and construction of toll roads with up to 35 percent Federal-aid funds. Ultimately, three projects were constructed, and sufficient progress was demonstrated that Congress expanded the toll provisions.

In 1991, the U.S. Congress passed landmark highway legislation, the Intermodal Surface Transportation Efficiency Act (ISTEA). Section 1012 of that Act, now incorporated in Section 129 of Title 23, was designed to provide State and local governments with more flexibility in generating new capital for needed highway investments. Section 1012 also included features intended to ensure that current and future facilities would be used more efficiently, especially during peak traffic periods. Subsection 1012(a) provided new directions for the Federal-Aid Highway Program for toll facilities and for public-private cost-sharing, and Subsection 1012(b) provided for a congestion pricing pilot program.

State legislation for public-private toll road projects paved the way for such innovation in Federal law. Beginning with ISTEA, States have more flexibility to co-mingle Federal-aid funds with State and private funds to implement projects. For example, States may make Federal-aid reimbursable loans to a public or private entity which is constructing a toll project that is eligible for Federal-aid funding. Such loans are considered eligible, reimbursable costs under Federal-aid. In this sense, ISTEA provided cost-sharing incentives to get projects built. Cost-sharing can take many forms. The form most discussed has been public-private cost sharing, which is not tax exempt. Another type of cost-sharing is between two or more public entities, such as toll authorities and State Departments of Transportation, which could be tax-exempt. ISTEA allowed FHWA to provide Federal-aid to either of these kinds of projects, and there are now examples of Federal investment in public toll roads under construction. Several private toll roads are under development and may lead to State requests for Federal-aid participation to assist these projects.

These provisions, however, are not self-implementing. States had to develop and pass complementary legislation and had to continue to develop working relationships between all the entities involved in cost-sharing. ISTEA toll projects are now coming on-line. Since the ISTEA passed in 1991, five States have passed complementary legislation to allow public-private partnerships, and at least three States have substantially revised their earlier public-private partnership legislation. In addition, some purely public toll roads using innovative features of ISTEA Federal-aid for toll roads have been implemented.

Also during the ISTEA period, FHWA used its regulatory and statutory flexibility, and general discretion to conduct financing research and development under Title 23, Section 307(a), to develop an innovative finance test and evaluation program. Projects selected for the test and evaluation had to comply with non-Federal highway statutory and regulatory requirements such as the Clean Air Act and the National Environmental Policy Act. The approach taken was to identify specific projects, develop a plan of finance, and offer those projects as examples of creative financing solutions. To stimulate and advance this effort, FHWA established the Test and Evaluation Project, TE-045, "Innovative Financing." Many of the techniques were incorporated into statute via the National Highway System Designation Act of 1995, and are now available to all States routinely.

The projects accepted for test and evaluation allow States and localities to use multiple strategies for financing, including:

- allowing private resources, in cash or in kind, to fulfill State match to Federal-aid.
- allowing Federal-aid to be loaned to private entities such as toll roads.
- allowing interest and other costs of debt financing to be eligible for Federal-aid reimbursement.

FHWA expected that these projects would produce financing ideas and tools applicable to other highway



facilities, as well as other modes of transportation. FHWA used the findings to examine the current Federal-aid operating framework and changed regulations or guidance where there was administrative discretion. These test and evaluation projects have developed innovative financing concepts which are increasing investment and speeding up project delivery. Continued positive results suggested that additional changes to the statutory framework would improve transportation investment, and FHWA pursued those changes in the congressional re-authorization cycle.

The Transportation Equity Act for the 21st Century (TEA-21) provides several new provisions that influence Federal toll road policies. The Transportation Infrastructure Finance and Innovation Act of 1998 (TIFIA) provides Federal credit assistance to major transportation investments of critical national importance. The TIFIA credit program is designed to fill market gaps and leverage substantial private co-investment by providing supplemental and subordinate capital. Qualified projects will be evaluated by the Secretary of Transportation and selected based on the extent to which they generate economic benefits, leverage private capital, promote innovative technologies, and meet other program objectives. Three distinct types of assistance which may be useful to toll road financiers are offered:

- C Secured loans are direct Federal loans to project sponsors offering flexible repayment terms and providing combined construction and permanent financing of capital costs.
- C Loan guarantees provide full-faith and credit guarantees by the Federal Government to institutional investors such as pension funds which make loans for projects.
- C Standby lines of credit representing secondary lines of funding in the form of contingent Federal loans that may be drawn upon to supplement project revenues, if needed during the first 10 years of project operations.

TEA-21 also creates a pilot program under which a State may collect tolls on an Interstate highway for the purpose of reconstructing or rehabilitating the Interstate highway that could not be adequately maintained or functionally improved without the collection of tolls. A maximum of three projects may be included in the pilot program and they must be in different States. An agreement between the State and FHWA covering use of toll revenues must be executed for each Interstate toll pilot project.

In addition, TEA-21 establishes a new State Infrastructure Bank (SIB) pilot program under which four States--California, Florida, Missouri, and Rhode Island--are authorized to enter into cooperative agreements with the Secretary to set up infrastructure revolving loan funds eligible to be capitalized with Federal transportation funds authorized for the FY 1998-2003 period. SIBs provide various forms of non-grant assistance to eligible projects (including toll roads). This assistance includes below market rate subordinate loans, interest rate buy-downs on third party loans, and guarantees and other forms of credit enhancement.

## **The Federal Value Pricing Pilot Program**

Very closely related to the concept of charging a toll is the concept of pricing road space. According to economic theory, as resources change in scarcity, the price should change to reflect the current scarcity level. The pricing mechanism helps ensure economic efficiency and provides that demand for a good or service equals the supply provided.

The concept applies to surface transportation if one thinks of roads as providing traveling space to people or goods. As roads become congested, the price should rise to reflect the increased scarcity of road space. When the road is less used, the price should be low. The concept is called congestion (or value) pricing, and Congress, in Section 1012(b) of the ISTEA, authorized funding of up to five congestion pricing pilot

projects. The concept is of great interest to toll road entities.

The ISTEA permitted FHWA to enter into cooperative agreements with up to five State and local governments and other public authorities to establish, maintain and monitor value pricing pilot projects. In addition, “preproject” studies, including public outreach, project design and related activities can be supported with program funds. The TEA-21 legislation expanded the program by providing up to fifteen “slots,” and provided additional funding.

On a broader level, this program is intended to advance the state of knowledge about what market pricing principles can do to help improve transportation efficiency and make better use of the system we have. There have been a number of congestion pricing studies or promotional activities sponsored by the FHWA, States, universities, public interest groups, and the private sector. Transportation planners and public officials are beginning to think seriously about congestion pricing as they develop plans for meeting future transportation and air quality goals. Toll facility entities may be willing to pursue variable toll pricing policies.

## **Tolls in the Twenty-First Century**

Today, toll roads, bridges, and tunnels are, to a great extent, financed by tolls through turnpike commissions and authorities, city and county operating authorities, and State Departments of Transportation. These turnpike authorities are essential for financing, constructing, and maintaining the Nation's toll roads, bridges, and tunnels. In recognition of the deployment of new toll technologies, information on electronic toll collection was added to this report in 1995. The number of toll facilities reported with electronic technology has increased from 49 in 1995 to 118 in 1999.

The Nation's highways are vital corridors for our economic and social progress. The cooperation between Federal, State, and local governments, as well as private entities, makes toll facility financing and construction a viable resource alternative as we move into the 21st century.

## Data Explanation

This report contains selected information on toll facilities in the United States. The information is based on a survey of facilities in operation, financed, or under construction as of January 1, 1999.

Tables T-1 and T-2 include, where known:

- The direction of toll collection.
- The type of electronic toll collection system, if available.
- Whether the facility is part of the National Highway System (NHS).

Table T-1 contains information such as the name, financing or operating authority, location and termini, feature crossed, length, and road system for toll roads, bridges, tunnels, and ferries that connect highways.

- Parts 1 and 3 include the Interstate System route numbers for toll facilities located on the Dwight D. Eisenhower National System of Interstate and Defense Highways.
- Parts 2 and 4 include a functional system identification code for non-Interstate System toll bridges, roads, and tunnels.
- Part 5 includes vehicular toll ferries.

Table T-2 contains a list of those projects under serious consideration as toll facilities, awaiting completion of financing arrangements, or proposed as new toll facilities that are being studied for financial and operational feasibility.

Also included are tables containing data on receipts and disbursements of toll facilities. These tables are published in the *1997 Highway Statistics*:

- Table SF-3B, Receipts of State-Administered Toll Road and Crossing Facilities
- Table SF-4B, Disbursements of State-Administered Toll Road and Crossing Facilities
- Tables LGF-3B, Receipts of Local Toll Facilities
- Tables LGF-4B, Disbursement of Local Toll Facilities

Beginning with this issue, a section has been added containing available names, addresses, and phone numbers of toll authorities; all toll authorities are not included.

This report is not intended to be a complete reference on toll facilities nor is it intended to duplicate data published by other organizations. Nearly all of the publicly owned toll authorities publish reports that contain information such as width and clearance on bridges, type of structure, road limits, year built or put in service, traffic volumes, cost, toll rates, etc.

Information on ferries such as seasonal or hourly operating schedules has been included when available. Complete information on schedules and on the number and capacity of boats in operation may be obtained directly from the operating authority.

## ***FACT SHEET***

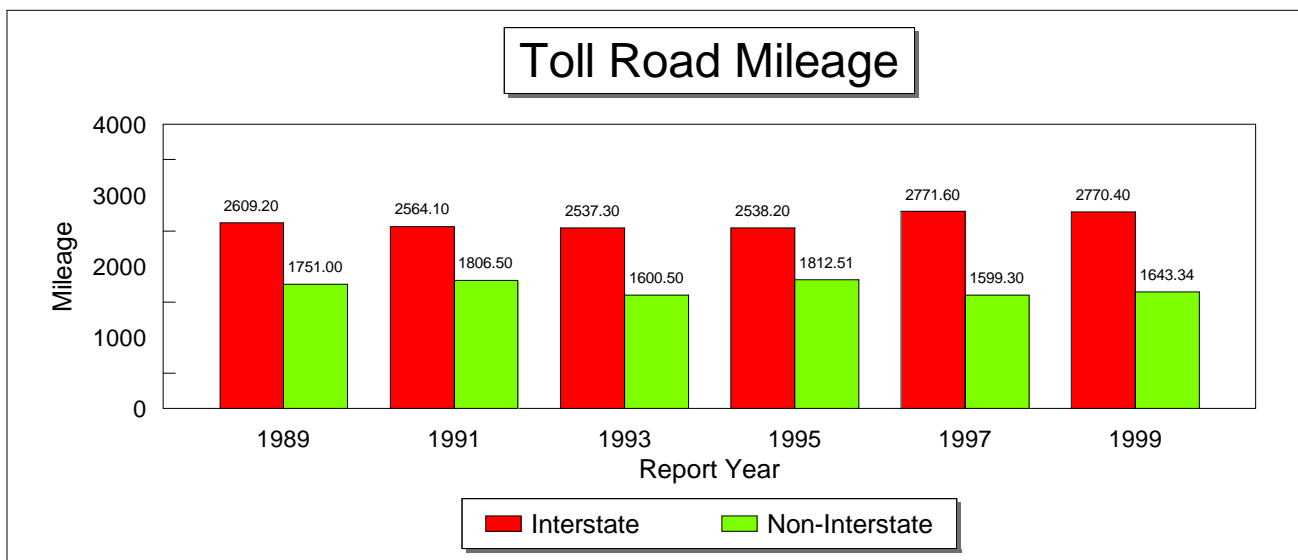
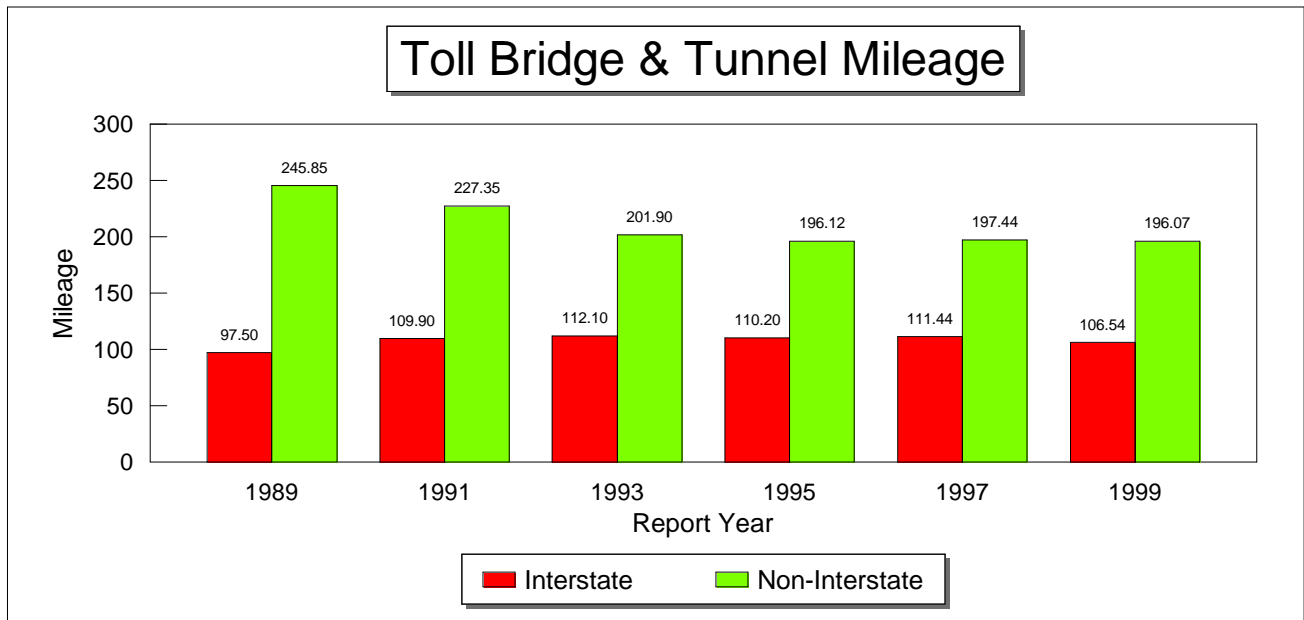
### **Total Toll Road, Toll Bridge, and Toll Tunnel Length in the United States in Operation as of January 1, 1999**

Functional System Code	Functional System	Toll		Non-Toll Portions		Tolls Outside US		Total US Toll	
		Miles	Kilo-meters	Miles	Kilo-meters	Miles	Kilo-meters	Miles	Kilo-meters
01	Rural Interstate System	1,996.50	3,213.06	1.80	2.90	4.30	6.92	1,990.40	3,203.24
02	Rural Other Principal Arterial	1,085.67	1,747.22	25.88	41.65	2.68	4.31	1,057.11	1,701.25
06	Rural Minor Arterial	22.07	35.52	6.60	10.62	0.00	0.00	15.47	24.90
07	Rural Major Collector	17.54	28.23	2.43	3.91	0.00	0.00	15.11	24.32
08	Rural Minor Collector	9.60	15.45	0.00	0.00	0.10	0.16	9.50	15.29
09	Rural Local	32.80	52.79	0.00	0.00	0.00	0.00	32.80	52.79
<b>Subtotal - Rural</b>		<b>3,164.18</b>	<b>5,092.25</b>	<b>36.71</b>	<b>59.08</b>	<b>7.08</b>	<b>11.39</b>	<b>3,120.39</b>	<b>5,021.78</b>
11	Urban Interstate System	969.14	1,559.68	81.50	131.16	2.50	4.02	885.14	1,424.49
12	Urban Other Freeways & Expressways	584.29	940.32	59.63	95.97	0.00	0.00	524.66	844.36
14	Urban Other Principal Arterial	161.86	260.49	15.70	25.27	4.04	6.50	142.12	228.72
16	Urban Minor Arterial	31.24	50.28	3.00	4.83	0.10	0.16	28.14	45.29
17	Urban Collector	3.70	5.95	0.00	0.00	0.80	1.29	2.90	4.67
19	Urban Local	12.47	20.07	0.00	0.00	0.87	1.40	11.60	18.67
<b>Subtotal - Urban</b>		<b>1,762.70</b>	<b>2,836.79</b>	<b>159.83</b>	<b>257.22</b>	<b>8.31</b>	<b>13.37</b>	<b>1,594.56</b>	<b>2,566.20</b>
<b>Total Rural &amp; Urban</b>		<b>4,926.88</b>	<b>7,929.04</b>	<b>196.54</b>	<b>316.30</b>	<b>15.39</b>	<b>24.77</b>	<b>4,714.95</b>	<b>7,587.98</b>

### **National Highway System (NHS)**

NHS -- Rural	3,057.64	4,920.79	19.88	31.99	9.40	15.13	3,028.36	4,873.67
NHS -- Urban	1,633.49	2,628.85	121.43	195.42	7.20	11.59	1,504.86	2,421.84
<b>Total -- NHS</b>	<b>4,691.13</b>	<b>7,549.64</b>	<b>141.31</b>	<b>227.42</b>	<b>16.60</b>	<b>26.72</b>	<b>4,533.22</b>	<b>7,295.51</b>

## Toll Mileage Trends -- 1989 through 1999 (Interstate and Non-Interstate Bridges, Tunnels, and Roads)



NOTE: Increase in Interstate Toll Road Mileage in 1997 report resulted from reclassification of mileage in Puerto Rico and the addition of I-276 in Pennsylvania.

**INTERSTATE SYSTEM TOLL BRIDGES AND TUNNELS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 1, PAGE 1 OF 1

Name of Facility	Financing or Operating Authority	Location			Length 1/		Area Type	Inter-state Route	Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	Body of Water Crossing	To	Miles	Kilo-meters			One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
CALIFORNIA													
San Francisco-Oakland Bay (I-80)	CA Trans Com	San Francisco, CA	San Francisco Bay	Oakland, CA	6.10	9.82	Urban	80	W			Tiris Radio Frequency ID	ETC Installation Scheduled for 1998
Carquinez (2 Bridges) (I-80)	CA Trans Com	Crockett, CA	Carquinez Strait	Vallejo, CA	1.60	2.57	Urban	80	N			Tiris Radio Frequency ID	ETC Installation Scheduled for 1997
Martinez-Benicia (I-680)	CA Trans Com	Martinez, CA	Carquinez Strait	Benicia, CA	2.20	3.54	Urban	680	N			Tiris Radio Frequency ID	ETC Installation Scheduled for 1998
Richmond-San Rafael (I-580)	CA Trans Com	Richmond, CA	San Francisco Bay	San Rafael, CA	4.70	7.56	Urban	580	W			Tiris Radio Frequency ID	ETC Installation Scheduled for 1998
DELAWARE - NEW JERSEY													
Delaware Memorial (I-295)	DE River & Bay Auth	New Castle, DE (2.4 Mi)	Delaware River	Deepwater, NJ (1.1 Mi)	3.50	5.63	Urban	295	W		X		Bridge
FLORIDA													
Sunshine Skyway	FL Dept of Trans	St. Petersburg, FL	Lower Tampa Bay	Terra Ceia, FL	11.10	17.86	Rural	75		X	X		
MARYLAND													
Baltimore Harbor (2 Tubes) (I-895)	MD Trans Auth	East Baltimore, MD	Patapsco River	Elkridge, MD	18.30	29.45	Urban	895		X	X		Tunnel; 1.4 Mi of I-895B not on NHS
Fort McHenry (4 Tubes) (I-95)	MD Trans Auth	Baltimore, MD	Patapsco River	Baltimore, MD	2.70	4.35	Urban	95		X	X		Tunnel
Susquehana	MD Trans Auth	Md Rt. 155	Susquehana River	US 222	4.30	6.92	Rural	95	N		X		Bridge
MICHIGAN													
Mackinac Bridge (I-75)	Mackinac Brgd Auth of Michigan	Mackinaw City, MI	Mackinac Straits	St. Ignace, MI	4.40	7.08	Rural	75		X	X		One-Way Tolls being Studied
MICHIGAN - ONATARIO, CANADA													
Sault Ste. Marie (I-75)	Internatl Brdg Auth of MI	Sault Marie, MI (1.3 Mi)	St. Mary's River	Sault Marie, ON (1.1 Mi)	2.40	3.86	Urban	75		X	X		1.1 Mi Outside US
Blue Water Brgd (I-94)	MI Dept of Trans	Port Huron, MI (0.7 Mi)	St. Clair River	Pte Edward, ON (0.8 Mi)	1.50	2.41	Urban	94		X	X		To open summer 1999; 0.8 Mi outside US
New Blue Water Bridge	MI Dept of Trans	Port Huron, MI (0.7 Mi)	St. Clair River	Pte Edward, ON	1.24	2.00	Urban	94	E		X		
NEW JERSEY - NEW YORK													
George Washington (I-95)	Port Auth of NY & NJ	Ft. Lee, NJ (1.2 Mi)	Hudson River	Manhattan, NY (0.7 Mi)	1.90	3.06	Urban	95	E		X		
Goethals (I-278)	Port Auth of NY & NJ	Elizabeth, NJ (1.1 Mi)	Arthur Kill	Howland Hook, NY (1.1 Mi)	2.20	3.54	Urban	278	E		X		
Holland (2 Tubes) (I-78)	Port Auth of NY & NJ	Jersey City, NJ (1.0 Mi)	Hudson River	New York, NY (0.5 Mi)	1.50	2.41	Urban	78	E		X		Tunnel
NEW JERSEY - PENNSYLVANIA													
I-78 Toll Brgd	DE River Port Auth	Pohatcong Twnshp, NJ	Delaware River	Williams Township, PA	6.30	10.14	Urban	78	W		X		
Delaware Water Gap (I-80)	DE River Port Auth	Pahaquarry, NJ (0.5 Mi)	Delaware River	Delaware Water Gap, PA (0.4 Mi)	0.90	1.45	Rural	80	W		X		
Ben Franklin (I-676)	DE River Port Auth	Camden, NJ (1.0 Mi)	Delaware River	Philadelphia, PA (0.4 Mi)	1.40	2.25	Urban	676	W		X		
Walt Whitman (I-76)	DE River Port Auth	Gloucester, NJ (1.1 Mi)	Delaware River	Philadelphia, PA (2.9 Mi)	4.00	6.44	Urban	76	W		X		
NJ and PA Turnpike (I-95)	NJ & PA Tmpke Auth	NJ Tmpke (0.6 Mi)	Delaware River	PA Tmpke (0.6 Mi)	1.20	1.93	Urban	95		X	X		
NEW YORK INTRASTATE													
South Grand Island (I-190)	NY State Thruway Auth	Grand Island, NY	Niagara River	Buffalo, NY	1.20	1.93	Urban	190	N			Read write (E-Z Pass) Mark IV	
North Grand Island (I-190)	NY State Thruway Auth	Niagara Falls, NY	Niagara River	Grand Island, NY	1.20	1.93	Urban	190	S			Read write (E-Z Pass) Mark IV	
Tappan Zee (I-87)	NY State Thruway Auth	Nyack, NY	Hudson River	Tarrytown, NY	3.70	5.95	Urban	87	S			Read write (E-Z Pass) Mark IV	
Newburgh-Beacon (I-84)	NY State Brgd Auth	Newburgh, NY	Hudson River	Beacon, NY	2.70	4.35	Urban	84	E		X		
Triborough (I-278)	Triborough Brgd & Tunnel Auth	Bronx, NY	East River	Queens, NY	2.70	4.35	Urban	278		X		E-Z Pass	
Bronx-Whitestone (I-678)	Triborough Brgd & Tunnel Auth	Bronx, NY	East River	Queens, NY	1.90	3.06	Urban	678		X		E-Z Pass	
Throgs Neck (I-295)	Triborough Brgd & Tunnel Auth	Bronx, NY	East River	Queens, NY	2.60	4.18	Urban	295		X		E-Z Pass	
Verrazano-Narrows (I-278)	Triborough Brgd & Tunnel Auth	Staten Island, NY	The Narrows	Brooklyn, NY	2.40	3.86	Urban	278	W			E-Z Pass	
Queens Midtown (2 Tubes) (I-495)	Triborough Brgd & Tunnel Auth	New York, NY	East River	New York, NY	2.60	4.18	Urban	495		X		E-Z Pass	Tunnel
Brooklyn Battery (I-478)	Triborough Brgd & Tunnel Auth	New York, NY	East River	New York, NY	2.10	3.38	Urban	478		X		E-Z Pass	Tunnel
NEW YORK - ONTARIO, CANADA													
Thousand Islands (I-81)	Thousand Islands Brgd Auth	Collins Landing, NY (0.9 Mi)	St. Lawrence River	Ivy Lea, ON (4.3 Mi)	5.20	8.37	Rural	81		X	X	Has debit card but must stop	4.3 Mi outside US
Lewston-Queenston (I-190)	Niagara Falls Brgd Com	Lewiston, NY (0.8 Mi)	Niagara River	Queenston, ON (0.6 Mi)	1.60	2.57	Urban	190		X	X		0.6 Mi outside US
Summary of Interstate System (IS) Toll Bridge & Tunnel Length in the United States													
Road System	IS Toll Bridges & Tunnels		Less Non-Toll Portions		Less Tolls Outside United States		Total IS Toll Bridges & Tunnels in United States						
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers					
	Rural	25.90 41.68	0.00 0.00		4.30 6.92		21.60 34.76						
	Urban	87.44 140.72	1.40 2.25		2.50 4.02		83.54 134.44						
Total	113.34 182.40		1.40 2.25		6.80 10.94		106.54 171.46						

1/ The length of structures includes approaches and connecting links which were financed as an integral part of the toll project. The length of toll bridges includes approach sections which may be used toll free by local residents. The length of such sections is identified as "nontoll" in the remarks column.

2/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).

**NON-INTERSTATE SYSTEM TOLL BRIDGES AND TUNNELS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 2, PAGE 1 OF 5

Name of Facility	Financing or Operating Authority	From	Location	To	Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
			Body of Water Crossing		Miles	Kilo-meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
ALABAMA														
Alabama River Parkway Brdg	United Toll Systems, Inc.	No. Bypass in Montgomery	Alabama River	SR 143 in Elmore Cnty	6.91	11.12	06		X		X	Infrared Laser & Electronic ID Card	Private; Includes 6.6 Mi Nontoll	
Black Warrior Parkway Brdg	United Toll Systems, Inc.	US - 82 in Northport	Black Warrior River	I - 59 Tuscaloosa	7.12	11.46	14		X		X	Infrared Laser & Electronic ID Card	Private; Includes 6.9 Mi Nontoll	
Emerald Mtn Expway Brdg	United Toll Systems, Inc.	Wares Ferry Rd, Montgomery Cnty	Tallapoosa River	Rifle Rangerd, Elmore Cnty	2.50	4.02	07		X		X	Infrared Laser & Electronic ID Card	Private; Includes 2.43 Mi Nontoll	
CALIFORNIA														
Antioch (John A. Nedjedly)	CA Trans Com	Contra Costa Cnty	San Joaquin River	Sacramento Cnty	1.40	2.25	06	X		N		TIRIS Radio Frequency ID	ETC Installation Scheduled	
					0.90	1.45	12	X		N		TIRIS Radio Frequency ID	ETC Installation Scheduled	
San Mateo-Hayward	CA Trans Com	San Mateo, CA	San Francisco Bay	Hayward, CA	9.90	15.93	12	X		W		TIRIS Radio Frequency ID	ETC Installation Scheduled	
Dumbarton	CA Trans Com	Palo alto, CA	San Francisco Bay	Newark, CA	5.90	9.50	12	X		W		TIRIS Radio Frequency ID	ETC Installation Scheduled	
Vincent Thomas	CA Trans Com	San Pedro, CA	Los Angeles Harbor	Terminal Island, CA	1.60	2.57	12	X		W		TIRIS Radio Frequency ID	ETC Installation Scheduled	
San Diego-Coronado	CA Trans Com	San Diego, CA	San Diego Bay	Coronado, CA	2.10	3.38	12	X		W		TIRIS Radio Frequency ID	ETC Installation Scheduled	
Golden Gate	Golden Gate Brdg, Hwy & Trans Dist	San Francisco, CA	San Francisco Bay	Marin Cnty, CA	2.30	3.70	12	X		S		AMTECH Radio Frequency ID	ETC Installation Scheduled 1999	
Murray Road	City of Oceanside & Murray Brdg Corp	Oceanside, CA	San Luis Rey River	Oceanside, CA	0.20	0.32	16		X	W		Automatic Toll System (Basket Toss) & AVI	Quasi Municipal	
FLORIDA														
Card Sound	Monroe Cnty	Dade Cnty, FL	Card Sound	Steamboat Creek, FL	3.30	5.31	06		X		X	X		
Mid-Bay Brdg	Mid-Bay Brdg Auth	White Point, FL	Choctawhatchee Bay	Piney Point	3.04	4.89	16		X	E		X		Includes 3 Mi Nontoll
Navarre	FI Dept of Trans	Navarre, FL	Santa Rosa Sound	Santa Rosa Isle, FL	1.40	2.25	08		X	W			Bar Code	
Pinellas Bayway	FI Dept of Trans	St. Petersburg, FL	Lower Tampa Bay	Mullet Key, FL	14.90	23.98	16		X	S			Bar Code	RF/AVI/ETTM planned
Pensacola Beach Causeway	Dept of General Services (& FI Dept of Trans)	US 98, Santa Rosa Cnty, FL	Santa Rosa Sound	Santa Rosa Isle, Escambia Cnty, FL	2.00	3.22	17		X	E		X		
Treasure Isle Causeway	City of Treasure Island	St. Petersburg, FL	Boca Ciega Bay	Treasure Island, FL	0.30	0.48	16		X		X	X		
Broad Causeway	Town of Bay Harbor Islands	North Miami, FL	Biscayne Bay	Bay Harbor Isle, FL	0.70	1.13	16		X		X		Bar Code	
Rickenbacker Causeway	Dade Cnty	Miami, FL	Biscayne Bay	Biscayne Key, FL	3.00	4.83	14		X		X		Tagbased Amtech	
Venetian Way Causeway	Dade Cnty Port Auth	Miami, FL	Biscayne Bay	Miami Beach, FL	0.50	0.80	16		X		X		Tagbased Amtech	
Clearwater Pass; Sand Key	City of Clearwater	Clearwater Beach, FL	Clearwater Pass	Bellair Beach, FL	1.00	1.61	16		X		X	X		
Sanieel-Captiva	Lee Cnty	Sanibel, FL	Pine Island Sound	Captive, FL	2.00	3.22	16		X	S			Bar Code	
Cape Coral	Lee Cnty	Cape Coral, FL	Caloosahatchee River	Fort Myers, FL	1.10	1.77	16		X	S		X		
GEORGIA														
F. J. Torras Causeway	GA Dept of Trans & GA State Tollway Auth	Brunswick, GA	McKay River & Inter-Coastal Waterway	St. Simons Island	4.20	6.76	12		X	E		X		A Series of Two Bridges
ILLINOIS - INDIANA														
New Harmony	White Cnty L Brdg Com	White Cnty, IL (0.3 Mi)	Wabash River	New Harmony, IN (0.2 Mi)	0.50	0.80	06		X		X	X		
Wabash Memorial	IN Dept of Trans	White Cnty, IL (0.5 Mi)	Wabash River	Mt. Vernon, IN (0.4 Mi)	0.90	1.45	06		X		X	X		
ILLINOIS - IOWA														
Rock Island Centennial	IL Centennial Brdg Com	Rock Island, IL (0.3 Mi)	Mississippi River	Davenport, IA (0.4 Mi)	0.70	1.13	14	X			X	X		
Rock Island, IL														
Fort Madison	A.T. & SF. Rdway Co; Topeka, KS	Niota, IL (0.3 Mi)	Mississippi River	Ft. Madison, IA (0.3 Mi)	0.60	0.97	14		X		X	X		Private Ownership

**NON-INTERSTATE SYSTEM TOLL BRIDGES AND TUNNELS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 2, PAGE 2 OF 5

Name of Facility	Financing or Operating Authority	From	Location Body of Water Crossing	To	Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
					Miles	Kilo-meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
ILLINOIS - MISSOURI														
McKinley	City of Venice, IL	Venice, IL (0.4 Mi)	Mississippi River	St. Louis, MO (0.8 Mi)	1.20	1.93	16		X		X	X		
IOWA - MISSOURI														
St. Francisville	Wayland Special Road Districts, MO	Vincennes, IA (0.2 Mi)	Des Moines River	St. Francisville, MO (0.1 Mi)	0.10 0.20	0.16 0.32	07 06	X			X	X		Municipally Owned
IOWA - NEBRASKA														
Bellevue	City of Bellevue, NE Brdg Com	SR 370, IA (0.2 Mi)	Missouri River	Bellevue, NE (0.2 Mi)	0.20 0.20	0.32 0.32	06 14		X		X	X		Municipally Owned
Decatur	Burt Cnty, NE Brdg Com	Onawa, IA (0.5 Mi)	Missouri River	Decatur, NE (0.5 Mi)	1.00	1.61	06		X		X	X		
Plattsmouth	Plattsmouth, NE Brdg Com	Mills Cnty, IA (0.1 Mi)	Missouri River	Plattsmouth, NE (0.1 Mi)	0.20	0.32	02	X			X	X		Private Ownership
LOUISIANA														
Sunshine Brdg	LA Dept of Trans & Dev	Ascension Parish	Mississippi River	St. James Parish	0.60	0.97	06		X	W		X		
Lake Pontchartrain Causeway	Greater New Orleans Expway Com	New Orleans, LA	Lake Pontchartrain	Mandeville, LA	14.00 12.00	22.53 19.31	02 14	X			X		AVI for Commuters AVI for Commuters	
Greater New Orleans Mississippi River Brdg	LA Dept of Trans & Dev	US - 90 at I - 10	Mississippi River	US-90 at West Bank Expway	0.60	0.97	12	X		W			Electronic ID Card	
MARYLAND														
Susquehanna	MD Trans Auth	Havre de Grace, MD	Susquehanna River	Perryville, MD	0.95 0.95	1.53 1.53	06 14		X	N			Infrared Laser Infrared Laser	
Wm Preston Lane, Jr. (2 Brgds)	MD Trans Auth	Sandy Point, MD	Chesapeake Bay	Kent Island, MD	2.68 2.68	4.31 4.31	02 12	X		E		X		
Francis Scott Key Brdg	MD Trans Auth	Hawkins Points, MD	Patapsco River	Edgemere, MD	8.85	14.24	12	X			X	X		
MARYLAND - VIRGINIA														
Harry W. Nice Memorial	MD Trans Auth	Charles Cnty, MD (2.17 Mi)	Potomac River	King George Cnty, VA (0.2 Mi)	2.27	3.65	02	X		S		X		
MARYLAND - WEST VIRGINIA														
Old Town	Charles O. Walters; Oldtown, MD	Allegany Cnty, MD (0.1 Mi)	Potomac River	HAMPSHIRE CNTY, WV (0.2 Mi)	0.30	0.48	07		X		X	X		Private Ownership
MASSACHUSETTS														
Callahan & Sumner Tunnels	MA Trnpke Auth	Cross St; Boston, MA	Boston Harbor	Port St; East Boston, MA	1.24	2.00	12	X		N		X		
Maurice J. Tobin	MA Port Auth	J.F. Fitzgerald Expway	Mystic River	Chelsea City Line	1.00	1.61	12	X		N		X		
MICHIGAN - INTRASTATE														
Grosse Isle	Grosse Isle Brdg Auth	Riverview, MI	Detroit River	Grosse Isle, MI	0.50	0.80	16		X		X	X	Cash & Tokens	Private Ownership
MICHIGAN - ONTARIO, CANADA														
Ambassador	Detroit Internat'l Brdg Auth	Detroit, MI (0.9 Mi)	Detroit River	Windsor, ON (0.8 Mi)	1.70	2.74	17	X			X		Card System & AVI-Trucks & Commuters Only	0.8 Mi Outside US
Detroit-Windsor	Detroit & Canada Tunnel Corp; Detroit, MI	Detroit, MI (0.5 Mi)	Detroit River	Windsor, ON (0.47 Mi)	0.97	1.56	19	X			X	X	Card System for Trucks	Tunnel; 0.47 Mi Outside US
MINNESOTA - INTRASTATE														
Mississippi River	A. E. Roman & Sons, Chicago, IL	Inver Grove Heights, MN (0.15 Mi)	Mississippi River	St. Paul Park, MN (0.15 Mi)	0.30	0.48	16		X		X	X		Private Ownership
MINNESOTA - NORTH DAKOTA														
12th/15th Avenue, N	The Brdg Co, Moorehead, MN & Municipal Dev Co; NY, NY	12th Ave; Fargo, ND	Red River of the North	15th Ave; Moorhead, MN	0.10	0.16	16		X		X	X		Private Ownership
MINNESOTA - ONTARIO, CANADA														
Internat'l Falls	MN, Dakota & Western Rdway Co & Internat'l Brdg & Terminal Co, Ltd (Boise-Cascade Corp)	Internat'l Falls, MN (0.1 Mi)	Rainy River & Canal	Ft. Frances, ON (0.1 Mi)	0.20	0.32	14	X		S		X		Private Ownership 0.1 Mi Outside US



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TABLE T-1, PART 2, PAGE 3 OF 5

Name of Facility	Financing or Operating Authority	From	Location		To	Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection?		Electronic Toll Collection System? 4/		Remarks
			Body of Water Crossing			Miles	Kilo- meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
MISSOURI															
Lake Bridge	Lake of the Ozarks Com Brdg Corp	Business Route 54	Lake of the Ozarks	Rt. MM		0.51	0.82	06		X		X	X		
NEW HAMPSHIRE - VERMONT															
Cheshire	NH DOT	Charlestown, NH (0.06 Mi)	Connecticut River	Springfield, VT (0.01 Mi)		0.07	0.11	07		X		X	X		
NEW JERSEY															
Margate	Margate Brdg Co; Ventnor, NJ	Margate, NJ	Intracoastal Waterway	Northfield, NJ		1.80	2.90	16		X		X	X		Private Ownership
Beesleys Point	Beesley's Point Brdg Co	Beesleys Point, NJ	Great Egg Harbor Bay	Somerspoint, NJ		1.30	2.09	16		X		X	X		Private Ownership
Townsend's Inlet	Cape May Cnty Brdg Com	Townsend's Inlet, NJ	Townsend's Inlet	Avalon, NJ		0.70	1.13	07		X		X	X		
Ocean City-Longport	Cape May Cnty Brdg Com	Ocean City, NJ	Great Egg Harbor Bay	Longport, NJ		1.40	2.25	16		X		X	X		
Grassy Sound	Cape May Cnty Brdg Com	Stone Harbor, NJ	Grassy Sound Channel	Wildwood, NJ		2.40	3.86	07		X		X	X		
Middle Thorofare	Cape May Cnty Brdg Com	Cape May, NJ	Cold Spring Harbor	Wildwood, NJ		2.40	3.86	07		X		X	X		
Corson's Inlet	Cape May Cnty Brdg Com	Strathmere, NJ	Corson's Inlet	Ocean City, NJ		0.70	1.13	07		X		X	X		
NEW JERSEY - NEW YORK															
Bayonne	Port Auth of NY & NJ	Bayonne, NJ (1.0 Mi)	Kill Van Kull	Port Richmond, S.I., NY (0.7 Mi)		1.70	2.74	14	X		S		X		
Outerbridge Crossing	Port Auth of NY & NJ	Perth Amboy, NJ (1.2 Mi)	Arthur Kill	Tottenville, S.I., NY (0.6 Mi)		1.80	2.90	12	X		E		X		
Lincoln (3 Tubes)	Port Auth of NY & NJ	Weehawken, NJ (1.5 Mi)	Hudson River	New York, NY (1.1 Mi)		2.60	4.18	12	X		E		X		Tunnel
NEW JERSEY - PENNSYLVANIA															
Dingman's Ferry	Dingman's Choice & DE Brdg Co	Sandyston Twnshp, NJ (0.1 Mi)	Delaware River	Dingman's Ferry, PA (0.3 Mi)		0.40	0.64	07		X		X	X		Private Ownership
Tacony-Palmyra	Burlington Cnty Brdg Com	Palmyra, NJ (0.5 Mi)	Delaware River	Philadelphia, PA (0.4 Mi)		0.90	1.45	14	X		W		X		
Burlington-Bristol	Burlington Cnty Brdg Com	Burlington, NJ (0.4 Mi)	Delaware River	Bristol, PA (0.3 Mi)		0.70	1.13	14	X		W		X		
Trenton-Morrisville	DE River Joint Toll Brdg Com	Trenton, NJ (0.6 Mi)	Delaware River	Morrisville, PA (0.5 Mi)		1.20	1.93	12	X		W		X		
Easton-Phillipsburg	DE River Joint Toll Brdg Com	Phillipsburg, NJ (0.6 Mi)	Delaware River	Easton, PA (0.4 Mi)		1.00	1.61	14	X		W		X		
Portland-Columbia	DE River Joint Toll Brdg Com	Columbia, NJ (0.2 Mi)	Delaware River	Portland, PA (0.4 Mi)		0.60	0.97	06		X	W		X		
Milford-Montague	DE River Joint Toll Brdg Com	Montague, NJ (0.5 Mi)	Delaware River	Milford, PA (0.4 Mi)		0.90	1.45	02	X			X	X		
New Hope-Lambertville	DE River Joint Toll Brdg Com	Lambertville, NJ (0.4 Mi)	Delaware River	New Hope, PA (0.5 Mi)		0.90	1.45	02	X			X	X		
Betsy Ross	DE River Port Auth	Pennsauken, NJ (1.0 Mi)	Delaware River	Philadelphia, PA (1.1 Mi)		2.10	3.38	12	X		W		X		
Commodore John Barry	DE River Port Auth	Bridgeport, NJ (1.3 Mi)	Delaware River	Chester, PA (1.4 Mi)		2.70	4.35	14	X		W		X		
NEW YORK - INTRASTATE															
Castleton-on-Hudson	NY State Thruway Auth	Selkirk, NY	Hudson River	Schodack Landing, NY		1.00	1.61	02	X		E		X		
Kingston-Rhinecliff	NY State Brdg Auth	Kingston, NY	Hudson River	Rhinecliff, NY		3.40	5.47	06	X		E			E-Z Pass	
Rip Van Winkle	NY State Brdg Auth	Catskill, NY	Hudson River	Greenport, NY		1.20	1.93	06	X		E			E-Z Pass	
Mid-Hudson	NY State Brdg Auth	Poughkeepsie, NY	Hudson River	Highland, NY		0.70	1.13	12	X		E			E-Z Pass	
Bear Mountain	NY State Brdg Auth	Bear Mountain, NY	Hudson River	Cortland, NY		0.60	0.97	02	X		E			E-Z Pass	
Atlantic Beach	Nassau Cnty Brdg Auth	Atlantic Beach	East Rockaway Inlet	Reynolds Channel		0.20	0.32	12	X		Non-Toll				Nontoll Section
		Reynolds Channel	East Rockaway Inlet	Lawrence, NY		0.30	0.48	14	X		Non-Toll				Nontoll Section
Henry Hudson	Triborough Brdg & Tunnel Auth	Manhattan, NY	Harlem River	Bronx, NY		0.70	1.13	12	X			X		E-Z Pass	
Marine Parkway	Triborough Brdg & Tunnel Auth	Kings Cnty	Rockaway Inlet	Queens Cnty		0.80	1.29	14	X			X		E-Z Pass	
Cross Bay	Triborough Brdg & Tunnel Auth	Channel Drive	Jamaica Bay	Toll Booth		0.40	0.64	14	X			X		E-Z Pass	
Smith Point Brdg	Suffolk Cnty	Smith Point, NY	Bellport Bay	Smith Point Cnty Park Long Island, NY		0.20	0.32	14		X	Non-Toll				Nontoll Section
NEW YORK - ONTARIO, CANADA															
Peace	Buffalo-Ft Erie Public Brdg Auth	Buffalo, NY (0.3 Mi)	Niagara River	Fort Erie, ON (0.4 Mi)		0.70	1.13	19	X		W CANADA	X Com		Automatic Vehicle ID (AVI)	0.4 Mi Outside US; toll collection westbound-autos; both ways- trucks/commercial
Ogdensburg-Prescott	Ogdensburg Brdg Auth	Ogdensburg, NY (1.3 Mi)	St. Lawrence River	Prescott, ON (0.9 Mi)		2.20	3.54	14	X			X	X		0.9 Mi Outside US
Rainbow	Niaqara Falls Brdg Com	Niaqara Falls, NY (0.3 Mi)	Niaqara River	Niaqara Falls, ON (0.2 Mi)		0.50	0.80	14	X			X	X		0.2 Mi Outside US

**NON-INTERSTATE SYSTEM TOLL BRIDGES AND TUNNELS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 2, PAGE 4 OF 5

Name of Facility	Financing or Operating Authority	From	Location	To	Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/	Electronic Toll Collection System? 4/		Remarks	
			Body of Water Crossing		Miles	Kilo-meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No		Yes/Kind
NEW YORK - ONTARIO, CANADA (Con.)														
Whirlpool Rapids	Niagara Falls Brdg Com	Niagara Falls, NY (0.1 Mi)	Niagara River	Niagara Falls, ON (0.1 Mi)	0.20	0.32	14	X			X	X	0.1 Mi Outside US	
Seaway Internatl Brdg (Cornwall-Massena)	St. Lawrence Seaway Dev Corp	Rooseveltown, NY (0.5 Mi)	St. Lawrence River	Cornwell, ON (2.0)	2.50	4.02	02	X			X	X	2.0 Mi Outside US (includes 1 Mi long high level bridge)	
OREGON - WASHINGTON														
Hood River-White Salmon	Port of Hood River Com	Hood River, OR (0.5 Mi)	Columbia River	White Salmon, WA (0.5 Mi)	1.00	1.61	09		X		X	X		
Bridge of the Gods	Port Cascade Locks Com	Cascade Locks, OR (0.2 Mi)	Columbia River	Stevenson, WA (0.2 Mi)	0.40	0.64	09		X		X	X		
PUERTO RICO														
Teodoro Moscoso	PR Hwy & Trans Auth	Isla Verde	San Jose Lagoon	Rio Pedras	1.60	2.57	14	X			X	X		
RHODE ISLAND														
Newport	RI Trnpke & Brdg Auth	Jamestown, RI	Narragansett Bay	Newport, RI	2.20	3.54	14	X			X	X		
TEXAS														
Addison Toll Tunnel	North TX Tollway Auth (NTTA)	East Side - Addison Airport	Addison Airport	West Side - Addison Airport	0.30	0.48	16		X		X		Tunnel; to be operational 1/99	
Mtn Creek Lake Brdg	North TX Tollway Auth (NTTA)	Grand Prairie, TX	Mtn Creek Lake	Dallas, TX	2.60	4.18	14		X		X	X		
Sam Houston Ship Channel Brdg	Harris Cnty Toll Auth	Pasadena, TX	Houston Ship Channel	East Houston, TX (South of I-10)	4.50	7.24	14	X			X		Automatic Vehicle ID (AVI)	
San Louis-Vacek Pass Brdg	Galveston Cnty Rd District #1	Galveston, TX	San Louis Pass	Brazoria, TX	1.30	2.09	07		X		X	X		
TEXAS - MEXICO														
Brownsville-Matamoros														
Gateway Brdg	Cameron Cnty	Brownsville, TX (0.1 Mi)	Rio Grande River	Matamoros, Tamaulipas (0.1 Mi)	0.20	0.32	14	X			X		Automatic Vehicle ID (AVI)	
B & M Brdg	City of Brownsville & Matamoros Brdg Co	Brownsville, TX (0.1 Mi)	Rio Grande River	Matamoros, Tamaulipas (0.1 Mi)	0.20	0.32	14		X	X-US		X	Private; 0.1 Mi Outside US	
Los Indios-Lucia Blanco Brdg	Cameron Cnty	Los Indios, TX (0.1 Mi)	Rio Grande River	Lucia Blanco, Tamaulipas (0.15 Mi)	0.25	0.40	02		X		X		Automatic Vehicle ID (AVI)	
Progreso-Matamoros														
B & P Brdg	B & P Brdg Co of Weslaco, TX	Progreso, TX (0.02 Mi)	Rio Grande River	Nuevo Progreso, Mexico (0.1 Mi)	0.12	0.19	02		X		X	X	Private, 2-Lane Brdg; 0.1 Mi Outside US	
Pharr-Reynosa														
Pharr-Reynosa Brdg	City of Pharr	Pharr, TX (1.5 Mi)	Rio Grande River	Reynosa, Tamaulipas (1.75 Mi)	3.25	5.23	14	X			X		Automatic Vehicle ID (AVI)	
Hidalgo-Reynosa														
McAllen-Hidalgo-Reynosa Brdg	City of McAllen	Hidalgo, TX (0.1 Mi)	Rio Grande River	Reynosa, Tamaulipas (0.1 Mi)	0.20	0.32	02	X			X	X	Two Brdg; 0.1 Mi Outside US	
Rio Grande City-Camargo														
Rio Grande City-Camargo Brdg	Starr Cnty & Camargo Brdg Co	Rio Grande City, TX (0.1 Mi )	Rio Grande River	Camargo, Tamaulipas (0.1 Mi)	0.20	0.32	16		X		X	X	Private, 2-Lane Brdg; 0.1 Mi Outside US	
Roma-Ciudad Miguel Aleman														
Roma-Ciudad Miguel Aleman Brdg	Starr Cnty	Roma, TX (0.1 Mi)	Rio Grande River	Ciudad Miguel Aleman (0.1 Mi)	0.20	0.32	08		X		X	X	4-Lane Brdg; 0.1 Mi Outside US	
Laredo-Nuevo Laredo														
Juarez-Lincoln Brdg	City of Laredo	Laredo, TX (0.1 Mi)	Rio Grande River	Nuevo Laredo, Tamaulipas (0.1 Mi)	0.20	0.32	14	X			X	X	6-Lane Brdg; 0.1 Mi Outside US	
Laredo Internatl Brdg (Convent St)	City of Laredo	Laredo, TX (0.1 Mi)	Rio Grande River	Nuevo Laredo, Tamaulipas (0.1 Mi)	0.20	0.32	14		X		X	X	4-Lane Brdg; 0.1 Mi Outside US	
Laredo-Columbia														
Laredo-Columbia Solidarity Brdg	City of Laredo	Laredo, TX (0.09 Mi)	Rio Grande River	Colombia, Nuevo Leon (0.09 Mi)	0.18	0.29	14	X			X	X	8-Lane Brdg; 0.09 Mi Outside US	
Eagle Pass-Piedras Negras														
Eagle Pass Brdge # 1	City of Eagle Pass	Eagle Pass, TX (0.3 Mi)	Rio Grande River	Pedras Negras, Coahuila (0.1 Mi)	0.40	0.64	14	X			X	X	2-Lane Brdg; 0.1 Mi Outside US	
Del Rio-Ciudad Acuna														
Del Rio-Ciudad Acuna Internatl Brdg	CITY OF DEL RIO	Del Rio, TX (0.6 Mi)	Rio Grande River	Ciudad Acuna, Coahuila (0.3 Mi)	0.90	1.45	02	X			X	X	4-Lane Brdg; 0.3 Mi Outside US	

(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 2, PAGE 5 OF 5

Name of Facility	Financing or Operating Authority	Location			Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
		From	Body of Water Crossing	To	Miles	Kilo-meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
TEXAS - MEXICO (Con.)														
La Linda														
La Linda Brdg	Dupoint Denemours Co	Texas FM 2067 (0.3 Mi)	Rio Grande River	La Linda, Coahula (0.1 Mi)	0.00	0.00	02		X	MEXICO SIDE		X		0.1 Mi Outside US; closed 7/97; may be reopened.
Presidio-Ojinaga														
Presidio Brdg	State of Texas	Presidio, TX (0.12 Mi)	Rio Grande River	Ojinaga, Chihuahua (0.03 Mi)	0.15	0.24	02		X	MEXICO SIDE		X		2-Lane Brdg; 0.03 Mi Outside US
El Paso-Ciudad Juarez														
Ysleta-Zaragosa Brdg	City of El Paso	El Paso, TX (0.2 Mi)	Rio Grande River	Zaragosa, Chihuahua (0.1)	0.30	0.48	14	X			X	X		Two Brdg: 4-Lanes Commercial; 4-Lanes Non-Commercial Traf 0.1 Mi Outside US
Good Neighbor Brdg (Stanton St)	City of El Paso	El Paso, TX (0.1 Mi)	Rio Grande River	Ciudad Juarez, Chihuahua (0.1 Mi)	0.20	0.32	14	X			X	X		4-Lane Brdg (All Traffic Types Southbound); 0.1 Mi Outside US
Paso Del Norte Brdg (Santa Fe St)	City of El Paso	El Paso, TX (0.3 Mi)	Rio Grande River	Ciudad Juarez, Chihuahua (0.2 Mi)	0.50	0.80	14	X			X	X		4-Lane Brdg (Non-commercial Traffic Northbound); 0.2 Mi Outside US
VIRGINIA														
Boulevard	Richmond Metropolitan Auth	Richmond, VA (Byrd Park)	James River	Richmond, VA (Forest Hills Park)	0.40	0.64	14		X		X	X		
Jordan	City of Chesapeake, VA	Chesapeake, VA	Elizabeth River	Portsmouth, VA	0.40	0.64	16		X		X	X		
Chesapeake Bay	Chesapeake Bay Brdg & Tunnel District	Kiptopeake, VA	Chesapeake Bay	Virginia Beach, VA	19.10	30.74	02	X			X	X		Tunnel
					0.60	0.97	12	X			X	X		Includes Brdg & Tunnel
G.P. Coleman	VA Dept of Trans	York County	York River	Gloucester Co	0.70	1.13	14	X		N			Automatic Vehicle ID (AVI)	
WEST VIRGINIA - KENTUCKY														
Nolan Toll Brdg	Everette Thompson	Noland, WV	Tug Fork River	KY Routes 292 & 468	0.10	0.16	09		X		N/A		N/A	Private Ownership
WEST VIRGINIA - OHIO														
Parkersburg Memorial	City of Parkersburg, WV	Parkersburg, WV (0.2 Mi)	Ohio River	Belpre, OH (0.1 Mi)	0.80	1.29	14		X		X	X		
Newell-East Liverpool	Newell Brdg & Rdwy Co, Newell, WV	Newell, WV (0.2 Mi)	Ohio River	East Liverpool, OH (0.1 Mi)	0.30	0.48	07		X		X	X		Private Ownership
Summary of Non-Interstate System (IS) Toll Bridge & Tunnel Length in Operation in the United States														
	Functional System	Non-IS Toll Bridges & Tunnels		Less Non-Toll Portions		Less Tolls Outside United States		Total Non-IS Toll Bridges & Tunnels in United States						
		Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers					
	02	45.77	73.66	0.00	0.00	2.68	4.31	43.09	69.35					
	06	21.67	34.87	6.60	10.62	0.00	0.00	15.07	24.25					
	07	11.17	17.98	2.43	3.91	0.00	0.00	8.74	14.07					
	08	1.60	2.57	0.00	0.00	0.10	0.16	1.50	2.41					
	09	1.50	2.41	0.00	0.00	0.00	0.00	1.50	2.41					
	12	51.17	82.35	0.20	0.32	0.00	0.00	50.97	82.03					
	14	54.80	88.19	7.40	11.91	4.04	6.50	43.36	69.78					
	16	31.24	50.28	3.00	4.83	0.10	0.16	28.14	45.29					
	17	3.70	5.95	0.00	0.00	0.80	1.29	2.90	4.67					
	19	1.67	2.69	0.00	0.00	0.87	1.40	0.80	1.29					
	Total	224.29	360.96	19.63	31.59	8.59	13.82	196.07	315.54					
1/ The length of structures includes approaches and connecting links which were financed as an integral part of the toll project. The length of toll bridges includes approach sections which may be used toll free by local residents. The length of such sections is identified as "nontoll" in the remarks column.														
2/ Rural Functional Class Codes: 02 - Other Principal Arterial, 06 - Minor Arterial, 07 - Major Collector, 08 - Minor Collector, 09 - Local. Urban Functional Class Codes: 12 - Other Freeways & Expressways, 14 - Other Principal Arterial, 16 - Minor Arterial, 17 - Collector, 19 - Local.														
3/ If facility is not entirely on the National Highway System (NHS), the length breakdown is in the remarks column.														
4/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).														

**INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 3, PAGE 1 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Area Type	Inter-state Route	Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	To	Miles	Kilo-meters			One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
DELAWARE												
John F. Kennedy Memorial Highway (I-95 & I-295)	DE Dept of Trans	Maryland Line	SR 141	11.2	18.0	Urban	95		X		E-Z Pass	Tolls collected only at one toll plaza.
				0.7	1.1	Urban	295					
				11.9	19.2							
FLORIDA												
Alligator Alley (I-75) (Everglades Parkway)	FL Dept of Trans	SR 858, East Naples	Andytown	77.2	124.2	Rural	75		X	X		
ILLINOIS												
East-West Tollway	IL State Toll Highway Authority	U.S. 30	West Urban Limits of Dixon	9.5	15.3	Rural	88		X		Transponder at York Rd Plaza Eastbound & Westbound	
		West Urban Limits of Dixon	.01 Mi East of SR 26	0.3	0.5	Urban	88		X	X		
		.01 Mi East of SR 26	West urban Limits of Rochelle	20.7	33.3	Rural	88		X	X		
		West Urban Limits of Rochelle	1.51 Mi West of SR 251	3.1	5.0	Urban	88		X	X		
		1.51 Mi West of SR 251	West Urban Limits of Dekalb-Sycamore	13.3	21.4	Rural	88		X	X		
		West Urban Limits of Dekalb-Sycamore	1.14 Mi East of SR 23	2.7	4.3	Urban	88		X	X		
		1.14 Mi East of SR 23	West Urban Limits of Chicago	19.6	31.5	Rural	88		X	X		
		West Urban Limits of Chicago	I-290 Eisenhower Expressway	27.5	44.3	Urban	88		X	X		
				96.7	155.6							
North-South Tollway	IL State Toll Highway Authority	I-55 at Bolingbrook	Army Trail Road	17.3	27.8	Urban	355		X		Transponders for Entire Route at Army Trail Rd & Boughton Rd Plazas Northbound & Southbound	
Northwest Tollway	IL State Toll Highway Authority	2.54 Mi South of WI State Line	North Urban Limits of Beloit	3.8	6.1	Rural	90		X	X		
		North Urban Limits of Beloit	.01 Mi South of Swanson Rd	1.3	2.1	Urban	90		X	X		
		.01 Mi South of Swanson Rd	North Urban Limits of Rockford	1.3	2.1	Rural	90		X	X		
		North Urban Limits of Rockford	Winnebago-Boone County Line	9.5	15.3	Urban	90		X	X		
		Winnebago-Boone County Line	West Urban Limits of Belvidere	3.4	5.5	Rural	90		X	X		
		West urban Limits of Belvidere	East Urban Limits of Belvidere	2.1	3.4	Urban	90		X	X		
		East Urban Limits of Belvidere	West Urban Limits of Chicago	24.9	40.1	Rural	90		X	X		
		West Urban Limits of Chicago	I-190	30.1	48.4	Urban	90		X	X		
		I-90 at Milepost 17.4	I-39	0.2	0.3	Urban	90		X	X		I-39 Connector
		76.6	123.3									
Chicago Skyway	City of Chicago	I-94 in Chicago	Indiana State Line	7.7	12.4	Urban	90		X	X		
Tri-State Tollway	IL State Toll Highway Authority	1.11 Mi South of WI State Line	US 41	28.6	46.0	Urban	94		X		Transponder at 82nd St Plaza Southbound & at 83rd St Plaza Northbound	Includes 4.4 Mi Spur Eden Expressway
		I-94 at Edens Spur	I-80 in Hazel Crest	48.1	77.4	Urban	294		X		Transponders at Cermak Rd Plazas, Northbound & Southbound	
		I-294 in Hazel Crest	SR 394 Kingery Expressway	5.3	8.5	Urban	80		X		Transponders at Irving Park Rd Plaza, Southbound Only	
				82.0	132.0							

**INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 3, PAGE 2 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Area Type	Inter-state Route	Toll Collection?		Electronic Toll Collection System? 2/		Remarks	
		From	To	Miles	Kilo-meters			One-Way (N,S,E,W)		Both Ways	No		Yes/Kind
INDIANA													
Indiana East-West Toll Road (I-90)	IN Dept of Trans	Illinois Line	Porter County Line-Gary	21.3	34.3	Urban	90		X	X		Automatic Vehicle ID (AVI)	
		Porter County Line-Gary	Ohio Line	130.0	209.2	Rural	80		X	X		Planned FY01 Implementation	
				5.5	8.9	Urban	80		X	X		Transponders at Some Toll Plazas	
				156.8	252.3								
KANSAS													
Kansas Turnpike (I-35)	KS Turnpike Authority	Oklahoma State Line	Emporia	109.7	176.5	Rural	35		X		Transponder System		
				17.3	27.8	Urban	35		X		Transponder System		
Kansas Turnpike (I-135)	KS Turnpike Authority	I-35 at Wichita (Ramps)	I-135 at Wichita	0.4	0.6	Urban	135		X		Transponder System		
Kansas Turnpike (I-35)	KS Turnpike Authority	Emporia Connection (Ramps)	Emporia Connection	0.1	0.2	Urban	35		X		Transponder System		
Kansas Turnpike (I-470)	KS Turnpike Authority	South Topeka Connection	East Topeka	4.8	7.7	Urban	470		X		Transponder System		
Kansas Turnpike (I-70)	KS Turnpike Authority	East Topeka Connection (Ramps)	I-70	0.2	0.3	Urban	70		X		Transponder System		
Kansas Turnpike (I-70)	KS Turnpike Authority	East Topeka (I-70)	Bonner Springs	40.0	64.4	Rural	70		X		Transponder System		
Kansas Turnpike (I-70)	KS Turnpike Authority	Bonner Springs	18th Street, Kansas City, KS	14.9	24.0	Urban	70		X		Transponder System	Includes 8.9 Mi Nontoll	
Kansas Turnpike (I-335)	KS Turnpike Authority	Emporia	Topeka	47.4	76.3	Rural	335		X		Transponder System		
				2.7	4.3	Urban	335		X		Transponder System		
				237.5	382.2								
MAINE													
Maine Turnpike (I-95)	ME Turnpike Authority	York	Falmouth	35.9	57.8	Rural	95		X		Transpass		
Maine Turnpike (I-95)	ME Turnpike Authority	York	Falmouth	11.6	18.7	Urban	95		X		Transpass		
Maine Turnpike (I-95)	ME Turnpike Authority	Gardiner	Augusta	6.1	9.8	Rural	95		X		Transpass		
Maine Turnpike (I-95)	ME Turnpike Authority	Gardiner	Augusta	0.9	1.4	Urban	95		X		Transpass		
Maine Turnpike (I-195)	ME Turnpike Authority	I-95	Saco	0.4	0.6	Urban	195		X		Transpass		
Maine Turnpike (I-295)	ME Turnpike Authority	I-95, South Portland	I-95, Falmouth	0.4	0.6	Urban	295		X		Transpass		
Maine Turnpike (I-495)	ME Turnpike Authority	Falmouth	Gardiner	38.8	62.4	Rural	495		X		Transpass		
Maine Turnpike (I-495)	ME Turnpike Authority	Portland	Gardiner	11.7	18.8	Urban	495		X		Transpass		
				105.8	170.3								
MASSACHUSETTS													
Massachusetts Turnpike	MA Turnpike Authority	New York State Line	I-93 Boston	68.5	110.2	Rural	90		X	X			
				67.1	108.0	Urban	90		X	X			
				135.6	218.2								
NEW HAMPSHIRE													
New Hampshire Turnpike	NH Dept of Trans	Massachusetts Line	Maine Line	12.0	19.3	Rural	95		X	X		Includes 0.8 Mi Nontoll	
				4.1	6.6	Urban	95		X	X		Includes 3.2 Mi Nontoll	
				16.1	25.9								
F.E. Everett Turnpike	NH Dept of Trans	Jct I-293 & SR 101 in Bedford	Jct SR 9 in Concord	8.9	14.3	Rural	93 & 293		X	X		Includes 1.0 Mi Nontoll	
				10.6	17.1	Urban	93 & 293		X	X		Includes 9.2 Mi Nontoll	
				19.5	31.4								

**INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 3, PAGE 3 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Area Type	Inter-state Route	Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	To	Miles	Kilo-meters			One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
NEW JERSEY												
New Jersey Turnpike (Main Line)	NJ Turnpike Authority	George Washington Bridge	Pennsylvania Turnpike Exit	14.9	24.0	Rural	95		X	X		Includes 5.0 Mi Nontoll
				56.0	90.1	Urban	95		X	X		
				70.9	114.1							
Newark Bay Extension	NJ Turnpike Authority	Newark Airport	Holland Tunnel	8.5	13.7	Urban	78		X	X		
Pennsylvania Turnpike Extension	NJ Turnpike Authority	Delaware River Bridge	New Jersey Turnpike	3.8	6.1	Rural	95	W		X		
				2.2	3.5	Urban	95	W		X		
				6.0	9.7							
NEW YORK												
Thomas E. Dewey Thruway	NY State Thruway Authority	Pennsylvania Line	Albany	236.9	381.3	Rural	90		X		Read-Write (E-Z Pass) Mark IV Tags	Includes 9.1 Mi Nontoll
				111.2	179.0	Urban	90		X		Read-Write (E-Z Pass) Mark IV Tags	
		New York City	Albany	89.5	144.0	Rural	87		X		Read-Write (E-Z Pass) Mark IV Tags	Includes 17.8 Mi Nontoll
				56.6	91.1	Urban	87		X			
				494.2	795.3							
New York State Thruway												
Berkshire Section	NY State Thruway Authority	Exit B1 (US 9)	Massachusetts Line	17.9	28.8	Rural	90		X		Read-Write (E-Z Pass) Mark IV Tags	
Niagara Section	NY State Thruway Authority	Buffalo	Niagara Falls	21.6	34.8	Urban	190		X		Read-Write (E-Z Pass) Mark IV Tags	Includes 16.7 Mi Nontoll
New England Section	NY State Thruway Authority	Pelham Parkway, New York, NY	Connecticut Line	15.0	24.1	Urban	95		X		Read-Write (E-Z Pass) Mark IV Tags	Includes 10.2 Mi Nontoll
				54.5	87.7							
OHIO												
Ohio Turnpike	OH Turnpike Commission	Pennsylvania Line	Jct of I-80 & I-76	15.8	25.4	Rural	76		X	X		
				6.0	9.7	Urban	76		X	X		
		Jct of I-80 & I-76	Indiana Line	161.8	260.4	Rural	80		X	X		Includes 35 Mi Added From Sec 16 of the 1968 Hwy Act
				57.6	92.7	Urban	80		X	X		
				241.2	388.2							
OKLAHOMA												
Turner Turnpike	OK Turnpike Authority	Oklahoma City	Tulsa	80.8	130.0	Rural	44		X		Pike Pass	
				5.2	8.4	Urban	44		X		Pike Pass	
				86.0	138.4							
Will Rogers Turnpike	OK Turnpike Authority	Tulsa	Missouri State Line	84.9	136.6	Rural	44		X		Pike Pass	
				3.6	5.8	Urban	44		X		Pike Pass	
				88.5	142.4							
H.E. Bailey Turnpike	OK Turnpike Authority	US 62 South of Oklahoma City	US 277 North of Lawton	57.3	92.2	Rural	44		X		Pike Pass	
				4.1	6.6	Urban	44		X		Pike Pass	
				61.4	98.8							
		US 277 South of Lawton	US 70, 5.2 miles No of TX State Line	25.0	40.2	Rural	44		X		Pike Pass	

INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1. PART 3. PAGE 4 OF 4

TABLE 1-1, PART 3, PAGE 4 OF 5												
Name of Road	Financing or Operating Authority	Location		Length 1/		Area Type	Inter-state Route	Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	To	Miles	Kilo-meters			One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
PENNSYLVANIA												
Pennsylvania Turnpike	PA Turnpike Commission	Irwin	Carlisle	159.5	256.7	Rural	76		X	X		
Eastern Extension	PA Turnpike Commission	Carlisle	Valley Forge	95.3	153.4	Rural	76		X	X		
				5.2	8.4	Urban	76		X	X		
Northeastern Extension	PA Turnpike Commission	I-76	I-276	87.6	141.0	Rural	476		X	X		
				22.7	36.5	Urban						
Western Extension	PA Turnpike Commission	Irwin	Ohio Line	54.1	87.1	Rural	76		X	X		
				13.0	20.9	Urban	76		X	X		
Delaware River Ext (I-276)	PA Turnpike Commission	Valley Forge	Delaware River Bridge	31.9	51.3	Urban	276		X	X		2.5 Mi section (Brdg to I-95) to be added upon interchange comp.
				469.3	755.3							
PUERTO RICO												
Louis A. Perre Expway (PR-52)	PR Hwy & Trans Auth	PR-1 & PR-18 (San Juan)	San Juan South Urban Boundary	5.9	9.5	Urban	1		X	X		
		SanJuan So Urban Boundary	Caguas So Urban Boundary	12.5	20.1	Urban	1		X	X		
		Caguas So Urban Boundary	Cayey No Urban Boundary	3.0	4.8	Rural	1		X	X		
		Cayey No Urban Boundary	Cayey So Urban Boundary	4.3	6.9	Urban	1		X	X		
		Cayey So Urban Boundary	Salinas No Urban Boundary	14.4	23.2	Rural	1	N		X		
		Salinas No Urban Boundary	Salinas So Urban Boundary	0.3	0.5	Urban	1		X	X		
		Salinas So Urban Boundary	Ponce No Urban Boundary	17.3	27.8	Rural	1		X	X		
		Ponce No Urban Boundary	PR-2 (Ponce)	8.7	14.0	Urban	1		X	X		
				66.4	106.9							
De Diego Expway (PR-22)	PR Hwy & Trans Auth	PR-26 (San Juan)	San Juan West Urban Boundary	14.8	23.8	Urban	2		X	X		
		San Juan West Urban Boundary	VB-Manati East Urban Boundary	1.2	1.9	Rural	2		X	X		
		VB-Manati East Urban Boundary	VB-Manati West Urban Boundary	15.4	24.8	Urban	2		X	X		
		VB-Manati West Urban Boundary	Arecibo East Urban Boundary	8.7	14.0	Rural	2		X	X		
		Arecibo East Urban Boundary	PR-2 (Hatillo)	11.7	18.8	Urban	2		X	X		
				51.8	83.4							
PR-53 Expway	PR Hwy & Trans Auth	PR-3 & PR-194 So of Fajardo	Connector to PR-3 No of Ceiba	1.1	1.8	Rural	3		X	X		Access to Roosevelt Rds Base (North Gate)
WEST VIRGINIA												
West Virginia Turnpike	WV Parkways Economic Development & Tourism Authority	Charleston	Princeton	68.8	110.7	Rural	77		X	X		
				18.0	29.0	Urban	77		X	X		I-64 Also fr Charleston to Beckley
				86.8	139.7							
Summary of Interstate System (IS) Toll Roads in Operation in the United States												
		IS Toll Roads		Less Non-Toll Portions		Total IS Toll Roads in the United States						
Road System		Miles	Kilometers	Miles	Kilometers	Miles	Kilometers					
Rural		1970.6	3171.4	1.8	2.9	1968.8	3168.5					
Urban		881.7	1419.0	80.1	128.9	801.6	1290.1					
Total		2852.3	4590.3	81.9	131.8	2770.4	4458.5					
1/ The length of roads includes approaches and connecting links which were financed as an integral part of the toll project. The length of toll roads includes sections which may be used toll free by local residents. The length of such sections is identified as "nontoll" in the remarks column.												
2/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).												

**NON - INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 4, PAGE 1 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
		From	To	Miles	Kilo-meters		Yes	No	One-Way (N, S, E, W)	Both Ways	No	Yes/Kind	
CALIFORNIA													
Seventeen Mile Drive	Del Monte Properties, Inc.	Pacific Grove	Carmel	10.80	17.38	19		X		5/	X		Private: Length is 17.3 Mi if complete circuit is made via Sloat Rd-Lopez Rd-Sunridge Rd-Constanilla Way-Los Altos Dr & Scenic Dr
Route 91	CA Department of Trans; Private Sector Partnership	Orange/Riverside County Line	Highway 55	10.00	16.09		X			X		Automatic Vehicle ID (AVI)	
COLORADO													
E-470	E-470 Public Hwy Auth	56th Avenue	120th Avenue	10.00	16.09	12	X			X		Automatic Vehicle ID (AVI)	
		I - 25	Smokey Hill	12.00	19.31	12	X			X		Automatic Vehicle ID (AVI)	
				22.00	35.41								
DELAWARE													
SR -1	DE Dept of Trans	US 113	Scarborough Rd (Rd 294)	6.81	10.96	12	X			X		E-Z Pass	
		Scarborough Rd (Rd 294)	South Smyrna Limits	7.42	11.94	02	X			X		E-Z Pass	
		South Smyrna Limits	New Castle Limits	0.86	1.38	14	X			X	X		
		New Castle Limits	NC Rd 180	2.32	3.73	02	X			X	X		
		NC Rd 180	US 13 North of Smyrna	0.40	0.64	02		X		X	X		Temporary Rd
		US 13 NB North of Port Penn Rd	NC Rd 82	0.31	0.50	02		X			X		
		NC Rd 22	US 13 South of Tybouts Corner	5.49	8.84	02	X		NON - TOLL		X		Nontoll Section
		US 13 South of Tybouts Corner	NC Rd 381	1.89	3.04	02	X		NON - TOLL		X		Nontoll Section
		NC Rd 381	I-95	3.73	6.00	12	X		NON - TOLL		X		Nontoll Section
				29.23	47.04								
FLORIDA													
East-West (Miami) Tollway	Miami-Dade Co Expway Auth (MDCEA)	I - 95 & I - 395	Northwest 27th Avenue	2.80	4.51	12	X		W		X		RF/AVI/ETTM is planned
FL Trnpke - Mainline	FL Dept of Trans	Miami	Wildwood	266.00	428.09	02	X			X	X		RF/AVI/ETTM is planned
Central Florida Expway	FL Dept of Trans	SR 520	US 1 at Cocoa	15.50	24.94	02	X			X	X		
		St. Johns River	SR 405	6.80	10.94	02	X		NON - TOLL		X		Nontoll Section
				22.30	35.89								
Bee Line Expway	Orlando-Orange Cnty Expway Auth (& FL Dept of Trans)	SR 15	SR 520	17.40	28.00	02	X			X		Tag based, Mark IV	
Bee Line Connector	Orlando-Orange Cnty Expway Auth (& FL Dept of Trans)	SR 400	SR 528A	8.40	13.52	12	X			X	X		
FI Trnpke - Homestead Ext (West Dade Expway)	FL Dept of Trans	FL Trnpke MP 47 in Mirahar	US 1 in FL City	47.90	77.09	12	X			X	X		RF/AVI/ETTM is planned
South Dade Expway	Miami-Dade Co Expway Auth (MDCEA)	West Dade Expway	Palmetto Expway	7.30	11.75	12	X			X	X		RF/AVI/ETTM is planned
South Crosstown Expway	FL Dept of Trans	Gandy Boulevard	To I-75	12.90	20.76	12	X			X	X		RF/AVI/ETTM is planned
East-West Expway (Orlando)	Orlando-Orange Cnty Expway Auth (& FL Dept of Trans)	FL Trnpke	SR 50 East of Orlando	24.80	39.91	12	X			X		Tag based, Mark IV	
Sawgrass Expway	FL Dept of Trans	FL Trnpke MP 71	I-75 / 595	21.66	34.86	12	X			X	X		RF/AVI/ETTM is planned
Miami Airport Expway	Miami-Dade Co Expway Auth (MDCEA)	I-95	Lejeune Rd	2.80	4.51	12	X		W		X		RF/AVI/ETTM is planned
Veterans Expway (FL Trnpke Proj)	FL Trnpke	No Ir Courtney; Campbell Causeway (SR 60)	North Dale Mabry	15.23	24.51	12	X			X	X		RF/AVI/ETTM is planned
Seminole Cnty Expway (FL Trnpke Project)	FL Trnpke	Northern Terminus of Eastern Beltway (SR 426-Aloma Ave)	US 17-92, South of Sanford	12.00	19.31	12	X			X	X		RF/AVI/ETTM is planned
Central FL Greeneway (Orlando)	Orlando-Orange Cnty Expway Auth (& FL Dept of Trans)	Seminole Cnty Line	Internatl Dr	33.10	53.27	12	X			X		Tag based, Mark IV	Internatl Dr to Urban Boundary
						12	N/A			X	X		Urban Boundary Line to SR 528
						12	N/A			X	X		SR 528 to Seminole Cnty Line



**NON - INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 4, PAGE 2 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
		From	To	Miles	Kilo-meters		Yes	No	One-Way (N, S, E, W)	Both Ways	No	Yes/Kind	
FLORIDA (Cont)													
So connection ext of Central FL Greenway (FL Trnpke Proj)	FL Trnpke	Central FL Greenway	I-4 West of US 192	6.99	11.25	12	X			X		Tag based, Mark IV	RF/AVI/ETTM is planned
Gratigny Parkway	FL Dept of Trans	Palmetto Expway	Northwest 119 Street at 32 Ave	5.40	8.69	12	X			X	X		RF/AVI/ETTM is planned
GEORGIA													
Jekyll Island Rd	Jekyll Island Auth	Jekyll Island (On Island)	Jekyll Island (On Island)	0.40	0.64	06		X		E		X	
Georgia 400 Ext	GA Dept of Trans: GA Tollway Auth	I-285	I-85	6.20	9.98	12	X				X	High Speed Automatic Vehicle ID (AVI)	
ILLINOIS													
East-West Tollway (SR-56 Connector)	IL State Hwy Toll Auth	I-88	SR 56	0.40	0.64	14	X				X	X	
KENTUCKY													
Audubon Parkway	KY Trnpke Auth	Henderson	Owensboro	17.46	28.10	02	X				X	X	Does not include 5.9 Mi Nontoll Section
				2.10	3.38	12	X			NON - TOLL	X	Nontoll Section	
				3.80	6.12	12	X			NON - TOLL	X	Nontoll Section	
				23.36	37.59								
Cumberland Parkway	KY Trnpke Auth	Bowling Green	Somerset	78.32	126.04	02	X				X	X	Does not include 10.2 Mi Nontoll Section
				10.20	16.42	12	X			NON - TOLL	X	Nontoll Section	
				88.52	142.46								
Daniel Boone Parkway	KY Trnpke Auth	London	Hazard	59.95	96.48	02	X				X	X	Does not include 6.4 Mi Nontoll Section
				3.80	6.12	12	X				X	X	Nontoll Section
				2.60	4.18	12	X				X	X	Nontoll Section
				66.35	106.78								
Green River	KY Trnpke Auth	Bowling Green	Owensboro	62.84	101.13	02	X				X	X	Does not include 7.4 Mi Nontoll Section
				7.40	11.91	12	X				X	X	Nontoll Section
				70.24	113.04								
LOUISIANA													
Avery Island	Avery Island, Inc.	SR 329 Junction	Avery Island	1.50	2.41			X			N/A	N/A	Private Toll Rd
MAINE													
ME Turnpike Approach Rd	ME Trnpke Auth	South Portland	South Portland	0.40	0.64	14	X				X		Transpass
NEVADA													
Valley of Fire Road	NV State Park Div	W. Park Entrance (Valley of Fire St Park)	East Park Entrance	6.37	10.25	07		X			X	X	Within Valley of Fire State Park
NEW HAMPSHIRE													
F.E. Everett Trnpke	NH Dept of Trans	Massachusetts Line	Jct I-293 and St 101 in Bedford	13.70	22.05	12		X			X	X	
				6.40	10.30	02		X			X	X	
				0.70	1.13	12		X			X	X	
				20.80	33.47								F.E. Everett Trnpke Total Mi = 44.7
Henry Bourque Hwy Rt 3	NH Dept of Trans	NH Rt 101A	Daniel Webster Hwy	1.40	2.25	14		X		NON - TOLL		X	Nontoll Section
Spaulding Trnpke	NH Dept of Trans	Portsmouth	Jct SR 16 in Milton	5.10	8.21	12		X		NON - TOLL		X	Nontoll Section
				7.80	12.55	02		X		NON - TOLL		X	Nontoll Section
				13.40	21.57	12		X			X	X	Includes 3.1 Mi Nontoll
				3.60	5.79	14		X		NON - TOLL		X	Nontoll Section
				3.30	5.31	14		X		NON - TOLL		X	Nontoll Section
				33.20	53.43								
Mt. Washington Summit Rd	Mt. Washington Summit Rd Co	SR 16	Mt. Washington	7.00	11.27	09		X					Private

**NON - INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 4, PAGE 3 OF 4

Name of Road	Financing or Operating Authority	Location		Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
		From	To	Miles	Kilo-meters		Yes	No	One-Way (N, S, E, W)	Both Ways	No	Yes/Kind	
NEW JERSEY													
NJ Trnpke (Mainline)	NJ Trnpke Auth	PA Trnpke Ext	Deepwater	21.30	34.28	02	X			X	X		
				28.70	46.19	12	X			X	X		
				50.00	80.47								
New Jersey 495	Port Auth of NY & NJ	I-95	SR 3	0.80	1.29	12	X		E			Electronic Tag (Buses Only During A.M. Peak Hours)	
Garden State Parkway	NJ Hwy Auth	Montvale	Cape May	3.90	6.28	02	X		NON - TOLL		X		Nontoll Section
				15.20	24.46	12	X		NON - TOLL		X		Nontoll Section
				58.60	94.31	02	X			X		N/A	
				92.40	148.70	12	X			X		N/A	
				170.10	273.75								
Atlantic City Expway	South Jersey Trans Auth	Atlantic City	SR 42, Turnersville	21.00	33.80	02	X			X	X		
				23.20	37.34	12	X			X	X		
				44.20	71.13								
NEW YORK													
New York State Thruway													
Berkshire Section	NY State Thruway Auth	I-87	I-90	5.60	9.01	12	X			N/A		Read-Write (E-Z Pass) Mark IV Tags	
Gardenstate Pkwy Connection	NY State Thruway Auth	New Jersey Line	Spring Valley	2.40	3.86	12	X		NON - TOLL		X		Nontoll Section
Whiteface Mtn Vet Memorial Hwy	Olympic Regional Dev Auth	Wilmington	Whiteface Mtn	8.00	12.87	08		X		N/A	X		
George W. Perkins Dr	Pausades Interstate Park Com	Bear Mtn		3.00	4.83	09		X		N/A	X		April Through November
Mt. Defiance Scenic Hwy	Mt. Defiance Scenic Corp	Ticonderoga Village	Mt. Defiance	1.00	1.61	09		X		N/A	X		Summer Only, Private
Prospect Mtn Vet Memorial Hwy	Dept of Env Conservation	US 9	Top of Prospect Mtn	5.90	9.50	09		X		N/A	X		
OKLAHOMA													
Indian Nation Trnpke	OK Trnpke Auth	Henryetta	Hugo	105.20	169.30	02	X			X		Pike Pass	
Muskogee Trnpke	OK Trnpke Auth	Tulsa	I-40 Near Webber Falls	53.10	85.46	02	X			X		Pike Pass	
Cimarron Trnpke	OK Trnpke Auth	US 64 East of Enid	Tulsa	67.70	108.95	02	X			X		Pike Pass	
Kilpatrick Trnpke	OK Trnpke Auth	Turner Trnpke & I-35	Lake Hefner Parkway	9.50	15.29	12	X			X		Pike Pass	
Creek Trnpke	OK Trnpke Auth	US 75	US 64 (Tulsa)	7.60	12.23	12	X			X		Pike Pass	
Chickasaw Trnpke	OK Trnpke Auth	SH 7 West of Sulphur	SH 1, South of Ada	27.10	43.61	02	X			X		Pike Pass	
Cherokee Trnpke	OK Trnpke Auth	US 412 at Locust Grove	US 412 West of West Siloam Springs	32.80	52.79	02	X			X		Pike Pass	
PENNSYLVANIA													
Mosey Wood Toll Rd	Vacation Charters Limited	Lake Harmony	PA 940	2.50	4.02	09		X		X	X		Private Ownership
Greensburg Bypass	PA Trnpke Com	US 22	New Stanton	13.50	21.73	02	X			X	X		
Beaver Valley Expway	PA Trnpke Com	SR 51	New Castle Bypass	16.50	26.55	02	X			X	X		
Monvalley Expway	PA Trnpke Com	US 40	I-70	5.60	9.01	12	X			X	X		
PUERTO RICO													
PR-53 Expway	PR Hwy & Trans Auth	Connector to PR-3 North of Ceiba	Ceiba North Urban Boundary	1.70	2.74	02		X		X	X		
		Ceiba North Urban Boundary	Ceiba South Urban Boundary	1.40	2.25	12		X		X	X		
		Ceiba South Urban Boundary	PR-3	2.10	3.38	02		X		X			
		PR-3	Humacao North Urban Boundary	11.70	18.83	02	X			X	X		
		Humacao North Urban Boundary	Humacao South Urban Boundary	4.60	7.40	12	X			X	X		
		Humacao South Urban Boundary	Arroyo East Urban Boundary	23.10	37.18	02	X			X	X		3.40 Mi Under Construction; 15 Mi Proposed
		Arroyo East Urban Boundary	Arroyo West Urban Boundary	0.40	0.64	12	X			X	X		Proposed
		Arroyo West Urban Boundary	PR-52 (Salinas)	12.50	20.12	02	X			X	X		4.30 Mi Proposed

## NON - INTERSTATE SYSTEM TOLL ROADS IN THE UNITED STATES

(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 4, PAGE 4 OF 4

TABLE 1: PART 1, PAGE 1 OF 1													
Name of Road	Financing or Operating Authority	Location		Length 1/		Functional System Code 2/	On NHS? 3/		Toll Collection? 4/		Electronic Toll Collection System? 4/		Remarks
		From	To	Miles	Kilo-meters		Yes	No	One-Way (N, S, E, W)	Both Ways	No	Yes/Kind	
TEXAS													
Dallas North Tollway	North TX Tollway Auth (NTTA)	I-35E	SH - 121	19.50	31.38	14	X			X		Automatic Vehicle ID (AVI)	
Sam Houston Tollway - East	Harris Cnty Toll Rd Auth	East of SH 3	SH 225	7.60	12.23	14	X			X		Automatic Vehicle ID (AVI)	
Sam Houston Tollway - West	Harris Cnty Toll Rd Auth	US 59, Houston, TX	I-45 (North of Houston)	27.30	43.94	14	X			X		Automatic Vehicle ID (AVI)	
Sam Houston Tollway - SW Belt	Harris Cnty Toll Rd Auth	Houston - US 59	Houston - SH 288	10.58	17.03	14	X			X		Automatic Vehicle ID (AVI)	To be operational 1/99
Sam Houston Tollway - SE Belt	Harris Cnty Toll Rd Auth	Houston - I - 45	Houston - SH 288	10.42	16.77	14	X			X		Automatic Vehicle ID (AVI)	To be operational 1/99
Hardy Toll Rd	Harris Cnty Toll Rd Auth	I - 45N	I-610	21.70	34.92	14	X			X		Automatic Vehicle ID (AVI)	
VERMONT													
Equinox Sky Line Dr	Dr. Joe G. Davidson; Manchester	SR 7A - Sunderland	Mt. Equinox	5.40	8.69	09		X		N		X	Private
Mt. Mansfield Toll Rd	Mt. Mansfield Co. Inc.	SR 108	Mt. Mansfield	4.50	7.24	09		X		N		X	Private
Burke Mtn Toll Rd	Burke Mtn Recreation, Inc.	TH 7	Burke Mtn	2.00	3.22	09		X		S		X	Private
VIRGINIA													
Richmond Expway System													
Powhite Parkway Ext (Rt 76)	VA Dept of Trans	Route 288	Courthouse Rd	2.50	4.02	12	X				X	X	
Powhite Parkway Ext (Rt 76)	VA Dept of Trans	Courthouse Rd	Chippenham Parkway	5.70	9.17	12	X				X	X	
Powhite Parkway Ext (Rt 76)	Richmond Metropolitan Auth	Chippenham Parkway	I-195	3.50	5.63	12	X				X	X	
Downtown Expway (Rt 195)	Richmond Metropolitan Auth	I-195	I-95	3.40	5.47	12	X				X	X	
Downtown Connector (Rt 146)	Richmond Metropolitan Auth	Powhite Parkway	Downtown Expway	0.90	1.45	12	X				X	X	
Dulles Toll Rd	VA Dept of Trans	Rt 28 (Dulles Airport)	Fairfax-Loudoun Cnty Line	0.40	0.64	12		X			X		Automatic Vehicle ID (AVI)
Dulles Toll Rd	VA Dept of Trans	Fairfax - Loudoun Cnty Line	I-66	15.80	25.43	12		X			X		Automatic Vehicle ID (AVI)
Dulles Greenway (Rt. 267)	Toll Road Corp of VA	Rts. 7 & 15 B.P. at Leesburg	ECL Leesburg	0.70	1.13	12		X			X		Automatic Vehicle ID (AVI)
Dulles Greenway (Rt. 267)	Toll Road Corp of VA	ECL Leesburg	Rt 28 (at Dulles Airport)	11.80	18.99	02		X			X		Automatic Vehicle ID (AVI)
Summary of Non-Interstate System (IS) Toll Roads in the United States													
	Functional System	Miles	Kilometers	Miles	Kilometers	Total Non-IS Toll Roads in the United States							
						Miles	Kilometer						
	02	1039.90	1673.56	25.88	41.65	1014.02	1631.91						
	06	0.40	0.64	0.00	0.00	0.40	0.64						
	07	6.37	10.25	0.00	0.00	6.37	10.25						
	08	8.00	12.87	0.00	0.00	8.00	12.87						
	09	31.30	50.37	0.00	0.00	31.30	50.37						
	12	533.12	857.97	59.43	95.64	473.69	762.33						
	14	107.06	172.30	8.30	13.36	98.76	158.94						
	16	0.00	0.00	0.00	0.00	0.00	0.00						
	17	0.00	0.00	0.00	0.00	0.00	0.00						
	19	10.80	17.38	0.00	0.00	10.80	17.38						
	Total	1736.95	2795.35	93.61	150.65	1643.34	2644.70						
1/ The length of structures includes approaches and connecting links which were financed as an integral part of the toll project. The length of toll bridges includes approach sections which may be used toll free by local residents. The length of such sections is identified as "nontoll" in the Remarks column.													
2/ Rural Functional Class Codes: 02 - Principal Arterial, 06 - Minor Arterial, 07 - Major Collector, 08 - Minor Collector, 09 - Local; Urban Functional Class Codes: 12 - Other Freeways & Expressways, 14 - Other Principal Arterial, 16 - Minor Arterial, 17 - Collector, 19 - Local.													
3/ If facility is not entirely on the National Highway System (NHS), the length breakdown is in the Remarks column.													
4/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).													
5/ Toll/Fee is collected at one of the five possible entry points to pay for road maintenance. If food/drink is purchased at one of the restaurants/bars along 17-mile scenic drive, the toll/fee is refunded.													

**VEHICULAR TOLL FERRIES IN THE UNITED STATES**  
(IN OPERATION, UNDER CONSTRUCTION, AND FINANCED AS OF JANUARY 1, 1999)

TABLE T-1, PART 5, PAGE 1 OF 4

Name of Ferry 1/	Financing or Operating Authority	From	Location Body of Water Crossing	To	On NHS		Toll Collection?		Electronic Toll Collection System? 2/			Remarks
					Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind		
ALABAMA												
Mobile Bay Ferry	Von Bergan Ltd.	Dauphin Island	Mobile Bay	Fort Morgan		X			X	X		Private
ALASKA												
Motor Vessel le Conte	AK Dept of Trans & Public Facilities	Petersburg, AK	North AK Panhandle	Skagway, AK	X				X	X		
Motor Vessel Tustumena	AK Dept of Trans & Public Facilities	Valdez, AK	Gulf of AK	Dutch Harbor, AK		X			X	X		
Motor Vessel Bartlett	AK Dept of Trans & Public Facilities	Cordova, AK	Prince William Sount	Whittier, AK		X			X	X		
Motor Vessel Bob Ellis	Ketchikan Gateway Borough	Ketchikan, AK	Tongass Narrows	Ketchikan Internatl Airport, AK	X				X	X		
Motor Vessel Ken Eichner	Ketchikan Gateway Borough	Ketchikan, AK	Tongass Narrows	Ketchikan Internatl Airport, AK	X				X	X		
Motor Vessel Malaspina	AK Dept of Trans & Public Facilities	Juneau, AK	North AK Panhandle	Skagway, AK	X				X	X		
ALASKA - BRITISH COLUMBIA, CANADA												
Motor Vessel Taku	AK Dept of Trans & Public Facilities	Prince Rupert, BC	Inside Passage	Skagway, AK	X				X	X		Summer: Toll from Bellingham to Skagway
Motor Vessel Aurora	AK Dept of Trans & Public Facilities	Prince Rupert, BC	Inside Passage	Juneau, AK	X				X	X		
Motor Vessel Matanoska	AK Dept of Trans & Public Facilities	Prince Rupert, BC		Skagway, AK	X				X	X		May run the Bellingham, WA route
ALASKA - WASHINGTON												
Motor Vessel Kennicott	AK Dept of Trans & Public Facilities	Bellingham, WA	Inside Passage	Skagway, AK	X				X	X		
Motor Vessel Columbia	AK Dept of Trans & Public Facilities	Bellingham, WA	Inside Passage	Skagway, AK	X				X	X		May operate summers only
CALIFORNIA												
Balboa Island	Balboa Island Ferry, Inc.	Balboa Island, CA	Newport Bay	Balboa, CA		X			X	X		Private
CONNECTICUT												
Rocky Hill - Glastonbury	CT Dept of Trans	Rocky Hill, CT	Connecticut River	South Glastonbury, CT		X			X	X		May through October
Chester - Hadlyme	CT Dept of Trans	Chester, CT	Connecticut River	Hadlyme, CT		X			X	X		May through October
CONNECTICUT - NEW YORK												
Bridgeport - Port Jefferson	Bridgeport & Port Jefferson	Bridgeport, CT	Long Island Sound	Port Jefferson, Long Island, NY		X			X	X		May through October; Private
New London - Orient	Cross Sound Ferry Services	New London, CT	Long Island Sound	Orient Pt., Long Island, NY		X			X	X		Private
New London - Fishers Island	Town of Southold	New London, CT	Fishers Island Sound	Fishers Island, NY		X			X	X		
CONNECTICUT - RHODE ISLAND												
New London - Block Island	Interstate Navigation Co	New London, CT	Block Island Sound	Block Island, RI		X			X	X		Private
DELAWARE - NEW JERSEY												
Lewes - Cape May	DE River & Bay Auth	Lewes, DE	Delaware Bay	Cape May, NJ		X			X	X		Operates year round
FLORIDA												
Drayton Island	Putnam County	Georgetown, FL	St. Johns River	Drayton Island, FL		X			X	X		
Ft. Gates Ferry	Putnam County	Welaka Landing	St. Johns River	End of Salt Springs Road		X			X	X		
Mayport - Ft. George	FL Dept of Trans	Mayport, FL	St. Johns River	Ft. George, FL		X			X	X		
ILLINOIS - MISSOURI												
Golden Eagle	Calhoun - St. Charles Ferry Co	Golden Eagle, IL	Mississippi River	Kampville, MO		X			X	X		Private
Canton - Meyer	Allen Blackmore; Canton, MO	Meyer, IL	Mississippi River	Canton, Mo		X			X	X		Private
Winfield	Steven & Vincent Baalman	Near Batchtown, IL	Mississippi River	Winfield, MO		X			X	X		Private
Ste. Genevieve	Modoc Ferry Inc.	Prairie Du Rocker, IL	Mississippi River	St. Genevieve, MO		X			X	X		Private
IOWA - WISCONSIN												
Cassville Car Ferry	Cassville Village, WI	Cassvile, WI	Mississippi River	Millville, IA		X			X	X		Municipally owned
KENTUCKY												
Valley View	Valley View Ferry Co	Valley View, KY	Kentucky River	North Side of River		X			N/A		N/A	Tri-County Compact, Private
Rochester	John and Bess Speer	Rochester, KY	Green River	Cool Springs, KY		X			N/A		N/A	Private

**VEHICULAR TOLL FERRIES IN THE UNITED STATES**  
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TABLE T-1, PART 5, PAGE 2 OF 4

Name of Ferry 1/	Financing or Operating Authority	Location			On NHS		Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	Body of Water Crossing	To	Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
KENTUCKY - OHIO											
Augusta	Augusta Ferry Lines	Augusta, KY	Ohio River	Utopia, OH		X		X	X		Private (Operates 8 am - 6 pm)
Anderson	Anderson Boat Co	Constance, KY	Ohio River	Cincinnati, OH		X		X	X		Private (Operates 6 am - 9:30 pm)
LOUISIANA											
Mississippi River	LA Dept of Trans & Dev	Algiers	Mississippi River	Chalmette		X	W		X		
Mississippi River	LA Dept of Trans & Dev	New Orleans	Mississippi River	Algiers		X	W		X		
Mississippi River	LA Dept of Trans & Dev	New Orleans	Mississippi River	Gretna		X	W		X		
Mississippi River	LA Dept of Trans & Dev	Reserve	Mississippi River	Edgard		X	W		X		
Mississippi River	LA Dept of Trans & Dev	White Castle	Mississippi River	Carville		X	W		X		
Mississippi River	LA Dept of Trans & Dev	Plaquemine	Mississippi River	Sunshine		X	W		X		
Mississippi River	LA Dept of Trans & Dev	New Roads	Mississippi River	St. Francisville		X	W		X		
Mississippi River	LA Dept of Trans & Dev	Angola	Mississippi River	Pointe Coupee Parish		X		N/A	N/A		Private
Atchafalaya River	LA Dept of Trans & Dev	Melville	Atchafalaya River	Pointe Coupee Parish		X	W		X		Two Ferries
Ouachita River Ferry	LA Dept of Trans & Dev	Dutty	Quachita River	Caldwell Parish		X	W		X		
Calcasieu River	LA Dept of Trans & Dev	Cameron	Calcasieu River	Monkey Island		X	W		X		
Calcasieu Ship	LA Dept of Trans & Dev	Cameron	Calcasieu Channel	West Calcasieu Parish		X	W		X		
MAINE											
Margaret Chase Smith	Office of Passenger Trans, ME Dept of Trans	Lincolnton, ME	Penobscot Bay	Islesboro, ME		X		X	X		
Captain Henry Lee	Office of Passenger Trans, ME Dept of Trans	Bass Harbor, ME	Blue Hill Bay	Swan's Island, ME		X		X	X		
Captain Henry Lee	Office of Passenger Trans, ME Dept of Trans	Bass Harbor, ME	Blue Hill Bay	Frenchboro, ME		X	S		X		
Captain Neal Burgess	Office of Passenger Trans, ME Dept of Trans	Rockland, ME	Penobscot Bay	North Haven, ME		X		X	X		
Captain Charles Philbrook	Office of Passenger Trans, ME Dept of Trans	Rockland, ME	Penobscot Bay	Vinalhaven, ME		X		X	X		
Governor Curtis	Office of Passenger Trans, ME Dept of Trans	Rockland, ME	Penobscot Bay	Vinalhaven, ME		X		X	X		
North Haven	Office of Passenger Trans, ME Dept of Trans	Rockland, ME	Penobscot Bay	Matinicus, ME		X	E		X		
Everett Libby	Office of Passenger Trans, ME Dept of Trans	Various	Penobscot Bay	Various		X		X	X		
Machigonne II	Casco Bay Island Transit District	Portland, ME	Casco Bay	Peaks Island, ME		X		E	X		Quasi - Municipal
Maquoit II	Casco Bay Island Transit District	Portland, ME	Casco Bay	Casco Bay Isles, ME		X		E	X		Quasi - Municipal
MAINE - NOVA SCOTIA, CANADA											
Scotia Prince	Lion Ferry A/B Canadian - American Line	Portland, ME	Bay of Fundy	Yarmouth, NS		X		X	X		Private
Cat	Bay Ferries	Bar Harbor, ME	Bay of Fundy	Yarmouth, NS		X		X	X		Private
MARYLAND											
Oxford	Captain Gilbert Clark	Oxford, MD	Tred Avon River	Bellevue, MD		X		X	X		Private & public (Talbot County)
MARYLAND - VIRGINIA											
Whites Ferry, Inc.	Whites Ferry, Inc.	Montgomery County, MD	Potomac River	Loudoun County, VA		X		X	X		Private
MASSACHUSETTS											
Woods Hole	Woods Hole, Martha's Vineyard & Nantucket Steamship Auth	Woods Hole, MA	Vineyard Sound	Martha's Vineyard, MA		X		X	X		
Hyannis	Woods Hole, Martha's Vineyard & Nantucket Steamship Auth	Hyannis, MA	Nantucket Sound	Nantucket, MA		X		X	X		
MICHIGAN											
Harrison's Island	Champion Auto Ferry, Inc.	Algonac, MI	St. Clair River	Harrison's Island, MI		X		X	X		Private
St. Mary's River Ferry System	Eastern Upper Peninsula Trans Auth	Sault Ste. Marie, MI	St Mary's River	Sugar Island, MI		N/A		X	X		
St. Mary's River Ferry System	Eastern Upper Peninsula Trans Auth	Barbeau, MI	St Mary's River	Neebish Island, MI		N/A		X	X		
St. Mary's River Ferry System	Eastern Upper Peninsula Trans Auth	Detour, MI	St Mary's River	Durmond Island, MI		N/A		X	X		
Ironton	Charlevoix County Trans Auth	Ironton, MI	Lake Charlevoix	Ironton, MI		N/A		X	X		
Charlevoix/Beaver Island	Beaver Island Boat Co/Beaver Island Trans Auth	Charlevoix, MI	Lake Michigan	St. James, MI		X		X	X		Private/Public
Cheboygan	Raymond Plaunt Ferry Service	Cheboygan, MI	Lake Huron	Bois Blanc Isle, MI		X		X	X		Private

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TABLE T-1, PART 5, PAGE 3 OF 4

Name of Ferry 1/	Financing or Operating Authority	Location			On NHS		Toll Collection?		Electronic Toll Collection System? 2/		Remarks
		From	Body of Water Crossing	To	Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
MICHIGAN - ONTARIO, CANADA											
Algonac	Walpole - Algonac Ferry Co	Algonac, MI	St. Clair River	Walpole Isle, ON		X		X	X		Private
Marine City	Bluewater Ferry	Marine City, MI	St. Clair River	Sombra, ON		X		X	X		Private
Barge Transport Inc.	Barge Transport Inc	Detroit	Detroit River	Windsor, ON	X			X	X		Private; Commercial vehicles only (Hazmat; oversized loads)
MICHIGAN - WISCONSIN											
Ludington - Manitowoc	Lake Michigan Car Ferry Service, Inc	Ludington, MI	Lake Michigan	Manitowoc, WI	X			X	X		Private
MISSOURI											
Akers	Dee Maggard	Akers, MO	Current River	Route K		X		X	X		Private
Gasconade (Fredericksburg)	Roland Meyer	Route J, Osage County	Gasconade River	Route J, Gasconade County		X		X	X		Private
Mississippi County Ferry	Mississippi County	Dorena, MO	Mississippi River	Hickman, KY		X		X	X		Private
NEW YORK											
Whitehall Street	City of New York, NY	Manhattan, NY	New York Harbor	St. George; Staten Island, NY		X		X	X		
Greenport	Shelter - Island - Greenport Ferry Co	Greenport, NY	Shelter Island Sound	Shelter Island; Long Island, NY		X		X	X		Private
Shelter Island	South Ferry Inc	Shelter Island; Long Island, NY	Shelter Island Sound	North Haven; Long Island, NY		X		X	X		Private
NEW YORK - VERMONT											
Port Kent	Lake Champlain Trans Co, Inc	Port Kent, NY	Lake Champlain	Burlington, VT		X		X	X		May through October; Private
Essex	Lake Champlain Trans Co, Inc	Essex, NY	Lake Champlain	Charlotte, VT		X		X	X		April through November; Private
Cumberland Head	Lake Champlain Trans Co, Inc	Plattsburgh, NY	Lake Champlain	Grand Isle, VT		X		X	X		Open all year; Private
Fort Ticonderoga	Shorewell Ferries, Inc	Ft. Toconderoga, NY	Lake Champlain	Larrabees Point, VT		X		X	X		May through October; Private
NEW YORK - ONTARIO, CANADA											
Cape Vincent	Hornes Ferry Limited	Cape Vincent, NY	St. Lawrence River, NC	Wolfe Island, ON		X		X	X		Private
NORTH CAROLINA											
Ocracoke - Swan Quarter	NC Dept of Trans	Ocracoke, NC	Pamlico Sound	Swan Quarter, NC		X		X	X		
Cedar Island - Ocracoke	NC Dept of Trans	Cedar Island, NC	Pamlico Sound	Ocracoke, NC		X		X	X		
Southport Fort Fisher	NC Dept of Trans	Southport, NC	Cape Fear	Ft. Fisher, NC		X		X	X		
OHIO											
Miller Boatline	Miller Boat Line	Catawba Point, OH	Lake Erie	South Bass Island, OH		X		X	X		April through November; Private
Kellys Islander	Newman Boat Lines	Marblehead, OH	Lake Erie	Kellys Island, OH		X		X	X		April through October; Private
Commuter	Newman Boat Lines	Marblehead, OH	Lake Erie	Kellys Island, OH		X		X	X		April through October; Private
Challenger	Newman Boat Lines	Sandusky, OH	Lake Erie	Kellys Island, OH		X		X	X		May through September; Private
Endeavor	Newman Boat Lines	Marblehead, OH	Lake Erie	Kellys Island, OH		X		X	X		April through October; Private
OHIO - ONTARIO, CANADA											
M.V. Pelee Island	Pelee Island Trans Co	Sandusky, OH	Lake Erie	Kingsville & Leamington, ON		X		X	X		June to September; Private
OREGON											
Wheatland Ferry	Marion County Rd Dept	Wheatland Rd, Yamhill County	Williamette	Daniel Matheny Rd, Marion Cnty		X		X	X		Cable Ferry; Open 6 am - 9:45 pm
Buena Vista Ferry	Marion County Rd Dept	River Rd, Marion County	Williamette	Buena Vista, Polk County		X		X	X		Cable Ferry; Open april-Mid October
Canby Ferry	Clackamas County Rd Dept	Mountain Rd, Clackamas County	Williamette	Locust Street, Clackamas County		X		X	X		Cable Ferry; Open 6:45 am - 9:15 pm
OREGON - WASHINGTON											
Puget Island	Wahkiakum County, WA	Westport, OR	Columbia River	Puget Island, WA		X		X	X		
PENNSYLVANIA											
Fredericktown	Fayette/Washington County, Joint Ferry Service	Fredericktown, PA	Monongahela River	Labelle, PA		X		X	X		
Millersburg	Ferryboat Campsites, Inc	Millersburg, PA	Susquehanna River	Maple Grove, PA		X		X	X		Private

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TABLE T-1, PART 5, PAGE 4 OF 4

Name of Ferry 1/	Financing or Operating Authority	From	Location Body of Water Crossing	To	On NHS		Toll Collection?		Electronic Toll Collection System? 2/		Remarks
					Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
PUERTO RICO											
Fajardo - Vieques - Culebra	PR Port Authority	Fajardo, PR	Vieques Sound	Vieques - Culebra Isles		X		X	X		
RHODE ISLAND											
Bristol	Prudence Island Navigation Co	Bristol	Narragansett Bay	Prudence & Hog Islands		X		X	X		Private
Providence	Interstate Navigation Co	Providence	Rhode Island Sound	Block Island		X		X	X		June through September; Private
Point Judith	Interstate Navigation Co	Point Judith	Block Island Sound	Block Island		X		X	X		Private
TENNESSEE											
Cumberland City	TN Dept of Trans (Two Rivers Excursions)	Cumberland City, TN	Cumberland River	Throckmorton, TN		X		X	X		
Saltillo	Hardin County Dept of Trans	Saltillo, TN	Tennessee River	Saltillo, TN		X		X	X		
Helms	Union County Hwy Dept	Leadmine Rd	Powell River	Straight Bridge Rd		X		X	X		
Danville	Two Rivers Excursions for Benton & Houston Co.	McKinnon	Tennessee River	Big Sandy		X		X	X		
TEXAS - MEXICO											
Los Ebanos Ferry	Reyna Estate	Los Ebanos, TX	Rio Grande River	San Miguel Camargo, Tamaulipas		X		X	X		Private
UTAH											
John Atlantic Burr	UT Dept of Trans	Bullfrog, UT	Lake Powell	Halls Crossing, UT		X		X	X		Operates 8 hrs-1/1-4/14; 10 hrs-4/15-5/14; 12 hrs-5/15-9/30; 10 hrs-10/1-31; 8 hrs-11/1-12/3
WASHINGTON											
Seattle - Bainbridge Island	WA Trans Com	Seattle, WA	Puget Sound	Bainbridge Island, WA	X			X	X		
Seattle - Bremerton	WA Trans Com	Seattle, WA	Puget Sound	Bremerton, WA	X			X	X		
Edmonds - Kingston	WA Trans Com	Edmonds, WA	Puget Sound	Kingston, WA	X			X	X		
Port Townsend	WA Trans Com	Port Townsend, WA	Puget Sound	Keystone, WA	X			X	X		
Mukilteo - Clinton	WA Trans Com	Mukilteo, WA	Puget Sound	Clinton, WA	X			X	X		
Pt. Defiance - Tahlequah	WA Trans Com	Pt. Defiance, WA	Puget Sound	Tahlequah, WA		X	N		X		
Fauntleroy - Southworth	WA Trans Com	Fauntleroy, WA	Puget Sound	Southworth, WA		X		X	X		
Fauntleroy - Vashon	WA Trans Com	Fauntleroy, WA	Puget Sound	Vashon Island, WA		X	W		X		
Southworth - Vashon	WA Trans Com	Southworth, WA	Puget Sound	Vashon Island, WA		X	E		X		
Anacortes - San Juan Isles	WA Trans Com	Anacortes, WA	Puget Sound	San Juan Islands, WA	X			W	X		
Guemes Island	Skagit County	Anacortes, WA	Puget Sound	Guemes Island, WA		X	N		X		
Lummi Island	Whatcom County	Gooseberry Pt., WA	Puget Sound	Lummi Island, WA		X	W		X		
Steilacoom	Pierce County	Steilacoom, WA	Puget Sound	Anderson & Ketron Islands, WA		X	W		X		
WASHINGTON - BRITISH COLUMBIA, CANADA											
Anacortes - Sidney	WA Trans Com	Anacortes, WA	Puget Sound	Sidney, BC	X			X	X		
Port Angeles	Black Ball Transport, Inc	Port Angeles, WA	Puget Sound	Victoria, BC		X		X	X		Private
WEST VIRGINIA - OHIO											
Sistersville	Sistersville City	Fly, OH	Ohio River	Sistersville, WV		X		X	X		April through December; Private
WISCONSIN											
Washington Island	WA Island Ferry Line, Inc	Washington Island, WI	Green Bay	Northport, WI		X		X	X		Private
Bayfield	Madeline Island Ferries, Inc	Bayfield, WI	Lake Superior	La Pointe, WI		X		X	X		Private
VIRGIN ISLANDS											
Trans Services - St. John	(Privately Owned)	St. Thomas	Pillsbury Sound	St. John		X		X	X		Private

1/ Excludes ferries providing exclusive service for passengers or freight as opposed to vehicles.

2/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).

**OTHER PROPOSED TOLL FACILITIES**  
(UNDER CONSTRUCTION, IN PLANNING PHASE, OR FINANCED AS OF JANUARY 1, 1999)

TABLE T - 2, PAGE 1 OF 2

Name of Facility 1/	Authority	Location		Length		Estimated Cost (in Millions)	On NHS? 2/		Toll Collection?		Electronic Toll Collection System? 3/		
		From	To	Miles	Kilo- meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind	
ROADS													
CALIFORNIA													
Route 241; Foothill Trans Corridor	CA Dept of Trans Orange County Trans Corridor Agencies	I-5, South San Clemente	State Route 241; Eastern Corridor	28.00	45.06	\$746		X		X		Automatic Vehicle ID (AVI)	
Route 125	CA Dept of Trans; Private Sector Partnership	Otay Mesa Road (Hwy 905)	San Miguel Road (1.2 Mi So of SR 54)	10.00	16.09	\$400	X			X		Automatic Vehicle ID (AVI)	
Route 57	CA Dept of Trans; Private Sector Partnership	I-5 near Anaheim Stadium	I - 405	11.20	18.02	\$700	X			X		Automatic Vehicle ID (AVI)	
Mid-State Toll Road	CA Dept of Trans; Private Sector Partnership	State Route 4	I - 680	40.00	64.37	\$600		X		X		Automatic Vehicle ID (AVI)	
Route 73; San Joaquin Hills Trans Corridor	CA Dept of Trans; Trans Corridor Agencies	John Wayne Airport	San Juan Capistrano	15.00	24.14	\$793	X			X		Automatic Vehicle ID (AVI)	
Routes 261, 241, & 133 Eastern Trans Corridor	CA Dept of Trans; Trans Corridor Agencies	State Route 91	I-5 & State Route 133	24.00	38.62	\$712		X		X		Automatic Vehicle ID (AVI)	
COLORADO													
E-470	E-270 Public Highway Authority	Smokey Hill Road	56th Avenue	12.00	19.31	N/A	X			AVI		N/A	
		120th Avenue	I - 25	12.00	19.31	N/A	X			AVI		N/A	
DELAWARE													
SR-1	DE Dept of Trans	US 13 Northbound	SR-1, KC Rd 150	2.20	3.54	\$33	X					To be determined 4/	
		US 13 North of Smyrna	NC Rd 182	15.03	24.19	\$169.6	X					To be determined	
FLORIDA													
Overseas Highway Toll Road	FL Dept of Trans	Florida Coastline	Florida Keys		N/A	N/A	X			N/A	X		
Florida Turnpike; Southern Connector Extension	FL Dept of Trans	Eastern Beltway East of SR 535 in Southern Orange County	Southwesterly to I-4 South of US 192 in Osceola County	5.10	8.21	\$82	X			N/A		N/A	
Florida Turnpike; Polk County Parkway	FL Dept of Trans	I-4 near Clark Road Extending Eastward to SR 540	Northbound to I-4 near Mt. Olive Road	24.80	39.91	\$412		X		N/A		N/A	
Florida Turnpike; Seminole County Expressway, Part II	FL Dept of Trans	Northern Terminus - Seminole County Expressway South of Sanford	I-4 North of CR 46A	6.10	9.82	\$150	X			N/A		N/A	
Florida Turnpike; North Suncoast Corridor	FL Dept of Trans	NW Hillsborough Expway near Van Dyke road in Hillsborough County	North thru Pasco County Terminating at US 98 in Hernando County	42.00	67.59	\$434		X		N/A		N/A	
Florida Turnpike; Western Beltway Part 3 (or Southwest Beltway)	FL Dept of Trans	I-4 in Osceola County, West of SR 545 / I-4 Overpass	North into Orange County & Northeast to Western Beltway Part A	21.20	34.12	N/A		X		N/A		N/A	
Florida Turnpike; Northern Extension	FL Dept of Trans	I-75 in Wildwood	US 19 at Lebanon Station	49.00	78.86	\$336		X		N/A		N/A	
Florida Turnpike; Western Beltway, Part A	Orlando - Orange County Expressway Authority	Florida Turnpike near Ocoee	US 441 near City of Apopka	10.00	16.09	N/A		X		N/A		N/A	
PENNSYLVANIA													
Mon-Valley Expressway	PA Turnpike Commission	Pittsburgh	West Virginia State Line	50.00	80.47	N/A	X			N/A		N/A	
SOUTH CAROLINA													
Cooper River Crossing	SC Dept of Trans	Charleston	Mt. Pleasant	2.00	3.22	\$200 - \$400	X			X		N/A	
Cross Island Route 5/	SC Dept of Trans	US 278 Nort of Hilton Head Island	US 278 at Pope Avenue	5.50	8.85	\$55	X			X		N/A	
Conway Bypass	SC Dept of Trans	US 501 West of Conway	US 17 near Myrtle	28.50	45.87	\$450	X			X		N/A	



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(UNDER CONSTRUCTION, IN PLANNING PHASE, OR FINANCED AS OF JANUARY 1, 1999)

TABLE T - 2, PAGE 2 OF 2

Name of Facility 1/	Authority	From	Location To	Length		Estimated Cost (in Millions)	On NHS? 2/		Toll Collection?		Electronic Toll Collection System? 3/	
				Miles	Kilo- meters		Yes	No	One-Way (N,S,E,W)	Both Ways	No	Yes/Kind
TEXAS												
President George Bush Trnpke	North TX Tollway Auth (NTTA)	SH 78, Dallas	IH 635W	26.00	41.84	\$62	X			X		AVI; 4 toll plazas in opr Apr or May 99
DFW Airport East-West Connector	TX Trans Commission	SH 360 near Hardwood Drive	SH 161 near Walnut Hill Lane	5.30	8.53	\$100	N/A			N/A		N/A
Dallas North Tollway Ext, Phase 3	North TX Tollway Auth (NTTA)	SH 121	FM 720	N/A		\$4	N/A			N/A		N/A
VIRGINIA												
Southeastern Expressway	VA Dept of Trans	I - 64 & I - 264 in Chesapeake	RT 44, VA Beach - Norfolk Express	21.00	33.80	\$269	X			N/A		N/A
Pocahontas Parkway	FD/MK LLC	Rt 150 at I-95 in Chesterfield County	I-295 in Henrico County	I-895; scheduled to be open early 2002						X		Smart Tag
Rt. 168 Battlefield Blvd	Parsons Brinkerhoff & Johnson	North Carolina State Line	Great Bridge Bypass	10.40	16.74	\$110	X			X		Automatic Vehicle ID (AVI)
TUNNELS												
MASSACHUSETTS												
3rd Harbor Tunnel	MA Turnpike Authority	Boston	East Boston	2.90	4.67	\$1869	X		S		X	N/A
BRIDGES												
FLORIDA												
Mid Point Bridge	Lee County	Cape Coral	Ft. Myers (over Caloosahatchee River)	N/A	N/A	N/A		X	E			N/A
Santa Rosa Bay Bridge	Santa Rosa Bay Bridge Authority	Garcon Point	Redfish Point (over Pensacola/Escambia Bays)	4.00	6.44	N/A		X		N/A	X	
LOUISIANA												
Gramercy Bridge	LA Dept of Trans & Dev	St. James Parish	St. John Parish	0.60	0.97	N/A		X		N/A	X	
TEXAS - MEXICO												
Port of Brownsville Bridge	Port of Brownsville	Brownsville, TX	Matamoros, Tamaulipas	N/A	0.00	N/A	N/A			N/A		N/A
Los Tomates-Matamoros III Bridge	Brownsville & Cameron County	Brownsville, TX (0.25 Mi)	Matamoros, Tamaulipas (0.5 Mi)	0.75	1.21	N/A	X			X		AVI; operational March 1999
Flor De Mayo Bridge	City of Brownsville	Brownsville, TX	Matamoros, Tamaulipas	N/A	0.00	N/A	N/A			N/A		N/A
Donna International Bridge	City of Donna	Donna, TX	Rio Bravo, Tamaulipas	N/A	0.00	N/A	N/A			N/A		N/A
Anzalduas International Bridge	Cities of Hidalgo, McAllen, & Mission	Hidalgo, TX	Reynosa, Tamaulipas	7.75	12.47	N/A	N/A			N/A		N/A
Mission International Bridge	City of Mission	Mission, TX	Reynosa, Tamaulipas	N/A	0.00	N/A	N/A			N/A		N/A
Los Ebanos International Bridge	Reyna Estate	Los Ebanos, TX	Diaz Ordaz, Tamaulipas	N/A	0.00	N/A	N/A			N/A		N/A
Laredo - Nuevo Laredo Bridge 4	City of Laredo	Laredo, TX	Nuevo Laredo, Tamaulipas	0.19	0.31	N/A		X		X		Automatic Vehicle ID (AVI)
Eagle Pass Bridge #2	City of Eagle Pass	Eagle Pass, TX	Piedras Negras, Coahuila	0.25	0.40	\$3.11		X		X		N/A
Eagle Pass Bridge #3	Maverick County	Eagle Pass, TX	Piedras Negras, Coahuila	N/A	0.00	N/A	N/A			N/A		N/A
Fabens II Bridge	El Paso County	Fabens, TX	Caseta, Chihuahua	N/A	0.00	N/A	N/A			N/A		N/A
Roma Internat'l Suspension Bridge	Starr County	Roma, TX	Ciudad Miguel Aleman	0.13	0.21	\$2.5 (\$1.25 - US)	N/A			N/A		Under consideration for rehab for pedestrian & bicycle use only
FERRIES												
ALASKA												
Not Yet Chosen	AK Dept of Trans & Public Finance, AMHS	Ketchikan, AK	Prince of Wales Island	N/A	N/A	N/A	N/A			N/A		N/A
Not Yet Chosen	AK Dept of Trans & Public Finance, AMHS	Juneau, AK	Sitka, AK	N/A	N/A	N/A	N/A			N/A		N/A
Not Yet Chosen	AK Dept of Trans & Public Finance, AMHS	Juneau, AK	Skagway, AK	N/A	N/A	N/A	N/A			N/A		N/A

1/ This table lists those toll facilities known to have been recommended for feasibility studies by State governors, highway departments, legislative committee. Those marked with an asterisk have been authorized for construction by the respective State legislatures or toll authorities.

2/ If facility is not entirely on the National Highway System, the length breakdown is in the remarks column.

3/ Excludes toll transactions that require stopping (i.e., cash, ticket, or token payment).

4/ Not all to be paid by toll.

5/ Includes bridge over Broad Creek.

# RECEIPTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1997 1/

TABLE SF-3B

OCTOBER 1998

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY- USER REVENUES	ROAD AND CROSSING TOLLS	CONCES- SIONS AND RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUC- TION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE							
Alaska	Alaska Ferry (Marine Highway) System	Alaska Department of Public Works	-	-	-	15,400	7,200	-	105,557	-	128,157
California	Mid-State Toll Road, State Routes 125, 91, & 57	Private Operators (California DOT) 3/	-	-	360	-	-	-	-	-	360
	Northern San Francisco Bay Bridges 4/	California Transportation Commission	289,692	4,962	21,380	57,448	-	16,951	21,237	-	117,016
	San Diego-Coronado Bridge	California Transportation Commission	8,748	-	6,251	5,920	-	508	2,425	-	15,104
	Southern San Francisco Bay Bridges 5/	California Transportation Commission	257,756	6,958	11,830	73,814	3,245	15,126	30,542	-	134,557
	Vincent Thomas Bridge	California Transportation Commission	11,802	-	2,812	2,622	-	702	947	-	7,083
	Total		567,998	11,920	42,633	139,804	3,245	33,287	55,151	-	274,120
Connecticut	Rockyhill-Glastonbury and Chester-Hadlyme Ferries	Connecticut Department of Transportation	-	-	300	173	-	-	-	-	473
Delaware	Delaware Memorial Bridge and Cape May-Lewes Ferry	Delaware River and Bay Authority	109,272	11,745	-	53,352	4,518	16,576	1,191	-	75,637
	John F. Kennedy Memorial Highway and SR-1 Toll Road	Delaware Transportation Authority	4,422	-	-	50,617	2,122	205	8,805	-	61,749
	Total		113,694	11,745	-	103,969	6,640	16,781	9,996	-	137,386
Florida	Buccaneer Trail Road	Florida Department of Transportation	-	-	575	661	-	-	-	-	1,236
	Central Florida Expressway	Florida Department of Transportation	-	-	1,641	2,101	-	-	-	-	3,742
	Everglades Parkway	Florida Department of Transportation	8,275	-	-	9,023	-	-	-	-	9,023
	Florida Turnpike	Florida Department of Transportation	463,539	14,917	-	269,371	6,815	23,853	1	-	300,040
	Miami-Dade County Expressways	Florida Department of Transportation	7,913	15,000	-	41,479	-	595	-	76,798	118,872
	Mid Bay Bridge	Mid Bay Bridge Authority	10,059	65,138	-	5,388	-	8,747	1	-	14,136
	Orlando-Orange County Expressway	Florida Department of Transportation	91,096	84,525	22,118	94,143	-	12,595	624	-	129,480
	Pinellas Bayway	Florida Department of Transportation	21,804	-	-	3,471	-	-	-	-	3,471
	Santa Rosa (Navarre) Bridge	Florida Department of Transportation	-	-	86	414	-	-	-	92,463	92,963
	Sunshine Skyway (Lower Tampa Bay Bridge)	Florida Department of Transportation	14,010	3,210	-	12,559	-	-	-	-	12,559
	Tampa-Hillsborough County (South Crosstown) Expressway	Florida Department of Transportation	15,532	12,554	172	15,844	-	733	1	-	16,750
	Total		632,228	195,344	24,592	454,454	6,815	46,523	627	169,261	702,272
Georgia	Georgia 400	Georgia State Tollway Authority	14,354	11,136	-	17,718	17	-	2,139	-	19,874
	Torras Causeway	Georgia State Tollway Authority	5,980	-	-	1,420	-	260	-	-	1,680
	Total		20,334	11,136	-	19,138	17	260	2,139	-	21,554
Illinois	Illinois Toll Highway System	Illinois State Toll Highway Authority	329,490	198,500	-	317,662	4,387	28,690	1,090	-	351,829
Indiana	Indiana East-West Toll Road	Indiana Transportation Finance Authority	101,072	28,486	-	74,583	5,691	7,360	754	134,795	223,183
	Wabash Memorial and Brandenburg-Maukport Bridges	Indiana Transportation Finance Authority	7,823	-	-	762	-	24	-	-	786
	Total		108,895	28,486	-	75,345	5,691	7,384	754	134,795	223,969
Kansas	Kansas Turnpike System	Kansas Turnpike Authority	78,872	8,339	-	56,566	1,730	4,851	471	-	63,618
Kentucky	Kentucky Parkway System	The Turnpike Authority of Kentucky	2,491	51,255	14,292	12,654	-	3,433	10	-	30,389
Louisiana	Ascension (Sunshine) Bridge and St. James Ferry	Ascension-St. James Bridge & Ferry Authority	536	3,358	-	2,443	-	146	36	-	2,625
	Greater New Orleans Bridges	Crescent City Connection Division	63,640	5,188	5,003	21,273	54	3,391	316	-	30,037
	Greater New Orleans Expressway	Greater New Orleans Expressway Commission	23,035	8,977	4,746	13,737	-	1,560	1,077	-	21,120
	Total		87,211	17,523	9,749	37,453	54	5,097	1,429	-	53,782
Maine	Island Ferry System	Maine Port Authority	462	-	-	1,961	-	32	1,676	-	3,669
	Maine Turnpike	Maine Turnpike Authority	37,208	7,971	-	41,900	1,962	-	1,331	50,000	95,193
	Total		37,670	7,971	-	43,861	1,962	32	3,007	50,000	98,862
Maryland	Chesapeake Bay and various river crossings 6/	Maryland Transportation Authority	144,829	65,734	30,196	99,644	208	16,946	16,316	-	163,310
	John F. Kennedy Memorial Highway	Maryland Transportation Authority	-	-	-	34,176	6,150	-	332	-	40,658
	Total		144,829	65,734	30,196	133,820	6,358	16,946	16,648	-	203,968
Massachusetts	East Boston Tunnels/ Massachusetts Turnpike System	Massachusetts Turnpike Authority	153,366	89,240	-	161,561	11,290	32,623	6,049	1,669,541	1,881,064
	Maurice J. Tobin (Mystic River) Bridge	Massachusetts Port Authority	-	-	-	6,372	-	-	234	-	6,606
	Total		153,366	89,240	-	167,933	11,290	32,623	6,283	1,669,541	1,887,670
Michigan	Blue Water Bridge	Michigan Department of Transportation	-	-	35,662	7,535	1,888	-	-	-	45,085
	Mackinac Straits Bridge	Mackinac Bridge Authority	20,008	-	-	10,212	-	1,148	37	-	11,397
	Sault Sainte Marie Bridge	International Bridge Authority of Michigan	4,977	1,547	142	5,742	536	308	5	-	6,733
	Total		24,985	1,547	35,804	23,489	2,424	1,456	42	-	63,215
New Hampshire	New Hampshire Turnpike System	New Hampshire Department of Transportation	118,225	28,065	-	52,377	-	3,672	-	-	56,049

# RECEIPTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1997 1/

TABLE SF-3B

OCTOBER 1998

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCES BEGINNING OF YEAR 2/		HIGHWAY- USER REVENUES	ROAD AND CROSSING TOLLS	CONCES- SIONS AND RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
			RESERVES FOR CONSTRUC- TION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE							
New Jersey	Atlantic City Expressway	South Jersey Transportation Authority	15,930	6,152	7,572	25,063	1,853	1,930	424	125,000	161,842
	Delaware River - northern crossings 7/	Delaware River Joint Toll Bridge Commission	33,843	8,396	-	28,671	-	1,947	81	-	30,699
	Garden State Parkway	New Jersey Highway Authority	167,621	90,903	-	178,864	12,824	14,086	9,483	-	215,257
	New Jersey Turnpike System	New Jersey Turnpike Authority	476,287	220,759	-	350,437	14,479	39,436	5,788	-	410,140
	Total		693,681	326,210	7,572	583,035	29,156	57,399	15,776	125,000	817,938
New York	Cornwall-Massena Bridge	St. Lawrence Seaway Development Corp.	252	-	-	2,602	119	20	55	-	2,796
	Hudson River crossings 8/	New York State Bridge Authority	19,255	10,750	-	22,370	-	3,147	148	49,291	74,956
	Manhattan and Staten Island area crossings 9/	Port Authority of New York and New Jersey	-	-	-	515,162	-	-	-	-	515,162
	Ogdensburg-Prescott Bridge	Ogdensburg Bridge and Port Authority	1,443	-	-	1,033	304	49	544	-	1,930
	Peace Bridge	Buffalo and Ft. Erie Public Bridge Authority	28,189	-	-	14,665	4,559	1,474	186	-	20,884
	Rainbow, Lewiston-Queenston & Whirlpool Rapids Bridges	Niagara Falls Bridge Commission	121,758	10,683	-	12,488	5,795	9,288	347	-	27,918
	Thomas E. Dewey Thruway	New York State Thruway Authority	95,720	57,529	-	341,356	11,801	19,066	38,023	336,263	746,509
	Thousand Island Bridges	Thousand Islands Bridge Authority	6,880	884	-	5,453	-	370	1,095	-	6,918
	Total		273,497	79,846	-	915,129	22,578	33,414	40,398	385,554	1,397,073
North Carolina	Cedar Island, Ocracoke and Southport-Ft. Fisher Ferries	North Carolina Department of Transportation	-	-	5,630	1,410	-	-	24	-	7,064
Ohio	Ohio Turnpike	Ohio Turnpike Commission	357,469	48,651	2,329	140,516	7,463	19,401	1,260	-	170,969
Oklahoma	Oklahoma Turnpike System (Will Rogers Turnpike)	Oklahoma Turnpike Authority	96,916	110,134	-	117,888	1,157	15,816	790	-	135,651
Pennsylvania	Delaware River - Philadelphia area crossings 10/	Delaware River Port Authority	238,758	94,762	-	114,824	-	17,285	982	-	133,091
	Pennsylvania Turnpike System	Pennsylvania Turnpike Commission	569,178	70,656	49,647	320,140	8,018	33,436	7,202	-	418,443
	Total		807,936	165,418	49,647	434,964	8,018	50,721	8,184	-	551,534
Rhode Island	Mt. Hope and Jamestown-Newport Bridges	Rhode Island Turnpike and Bridge Authority	16,160	4,513	-	11,001	-	1,244	34	-	12,279
Tennessee	Cumberland City and Clifton Ferries	Tennessee Department of Transportation	-	-	-	71	-	-	-	-	71
Texas	Dallas North Tollway	North Texas Tollway Authority	577,384	80,744	-	54,251	25	35,804	24,921	252,848	367,849
	Mountain Creek Lake Bridge	North Texas Tollway Authority	550	3,398	-	1,498	-	186	-	-	1,684
	Total		577,934	84,142	-	55,749	25	35,990	24,921	252,848	369,533
Utah	John Atlantic Burr Ferry	Utah Department of Transportation	-	-	180	160	-	-	-	-	340
Virginia	Chesapeake Bay Bridge and Tunnel System	Chesapeake Bay Bridge and Tunnel District	182,298	21,960	-	33,534	-	14,365	1,312	-	49,211
	Coleman Bridge	Virginia Department of Transportation	18,955	1,447	-	4,303	-	829	-	-	5,132
	Dulles Toll Road	Virginia Department of Transportation	68,662	3,740	-	29,343	-	2,775	-	-	32,118
	Jamestown Ferry	Virginia Department of Transportation	-	-	3,870	647	-	-	-	-	4,517
	Powhite Parkway Extension Toll Road	Virginia Department of Transportation	803	4,851	1,400	8,358	-	123	-	-	9,881
	Total		270,718	31,998	5,270	76,185	-	18,092	1,312	-	100,859
Washington	Puget Sound Ferry System	Washington Toll Bridge Authority	121,411	5,107	120,373	82,090	-	6,115	4,517	90,488	303,583
West Virginia	West Virginia Turnpike	West Virginia Parkways Authority 11/	42,055	5,748	-	49,495	1,457	1,775	-	-	52,727
Summary	Total Bridge and Tunnel Facilities		1,936,892	471,262	83,166	1,394,293	41,647	151,580	67,794	141,754	1,880,234
	Total Road Facilities		3,619,300	1,112,203	135,048	2,625,586	78,820	283,275	120,852	2,645,245	5,888,826
	Total Ferry Facilities		121,873	5,107	130,353	101,912	7,200	6,147	111,774	90,488	447,874
	Grand Total		5,678,065	1,588,572	348,567	4,121,791	127,667	441,002	300,420	2,877,487	8,216,934

1/ Tables SF-3B and SF-4B are concerned solely with receipts and disbursements for State and quasi-State toll facilities. See Tables LGF-3B and LGF-4B for data on public and quasi-public facilities operated by or for local governments. See Tables SB-2T and SB-3T for information on toll facility bond indebtedness. See Table SF-21 for general note on SF table series. This table is compiled from reports of State authorities.

2/ Any differences between beginning balances and previous year's closing balances are the result of accounting adjustments, or inclusion of funds not previously reported.

3/ Private companies have contracted with the State to build and operate these facilities. At a later date, they will be transferred to the State. The amounts shown represent only the State's oversight costs.

4/ Include the Carqueize, Benicia-Martinez, Antioch, and Richmond-San Rafael Bridges.

5/ Includes the San Francisco-Oakland Bay, San Mateo-Hayward, and Dumbarton Bridges.

6/ Includes Chesapeake Bay, Francis Scott Key, Potomac River and Susquehanna River Bridges; Baltimore Harbor and Fort McHenry Tunnels.

7/ Includes the Trenton-Morrisville, New Hope-Lambertville, Interstate 78, Easton-Phillipsburg, Portland-Columbia, and Milford-Montague Bridges.

8/ Includes the Newburgh-Beacon, Mid-Hudson, Rip Van Winkle, Kingston-Rhinecliff and Bear Mountain Bridges.

9/ Includes the George Washington, Bayonne and Goethals Bridges; Holland and Lincoln Tunnels.

10/ Includes the Walt Whitman, Ben Franklin, Betsy Ross and Commodore Barry Bridges.

11/ Full name of the authority is West Virginia Parkways, Economic Development and Tourism Authority.

**DISBURSEMENTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1997 1/**

TABLE SF-4B

OCTOBER 1998

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINIS- TRATION AND MISCEL- LANEOUS	HIGHWAY LAW ENFORCE- MENT	INTEREST	BOND RETIREMENT	TRANSFERS 2/	TOTAL DISBURSEMENTS	BALANCES END OF YEAR	
											RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE
Alaska	Alaska Ferry (Marine Highway) System	56,998	2,200	65,000	3,300	-	37	622	-	128,157	-	-
California	Mid-State Toll Road, State Routes 125, 91, & 57 3/	360	-	-	-	-	-	-	-	360	-	-
	Northern San Francisco Bay Bridges 4/	49,564	5,853	8,872	17,779	-	1,179	2,460	773	86,480	319,637	5,551
	San Diego-Coronado Bridge	8,488	1,816	3,385	-	-	-	-	2,990	16,679	7,173	-
	Southern San Francisco Bay Bridges 5/	54,539	8,483	10,210	16,388	-	995	3,985	22,408	117,008	278,278	3,985
	Vincent Thomas Bridge	3,862	854	1,257	459	-	-	-	-	6,432	12,454	-
	Total	116,813	17,006	23,724	34,626	-	2,174	6,445	26,171	226,959	617,542	9,536
Connecticut	Rockyhill-Glastonbury and Chester-Hadlyme Ferries	-	-	473	-	-	-	-	-	473	-	-
Delaware	Delaware Memorial Bridge and Cape May-Lewes Ferry	21,234	-	24,684	7,400	3,968	9,490	5,790	-	72,566	109,305	14,785
	John F. Kennedy Memorial Highway and SR-1 Toll Road	53,740	5,803	3,438	-	-	-	-	-	62,981	3,191	-
	Total	74,974	5,803	28,122	7,400	3,968	9,490	5,790	-	135,547	112,496	14,785
Florida	Buccaneer Trail Road	-	957	279	-	-	-	-	-	1,236	-	-
	Central Florida Expressway	2,946	157	638	-	-	-	-	-	3,741	-	-
	Everglades Parkway	3,656	765	1,342	-	-	-	-	-	5,763	11,535	-
	Florida Turnpike	239,783	16,186	45,741	5,553	8,858	78,082	21,510	1,964	417,677	360,819	-
	Miami-Dade County Expressways	-	4,837	10,457	1,131	-	2,720	78,798	6,683	104,626	26,193	10,966
	Mid Bay Bridge	93	-	-	220	-	9,751	-	-	10,064	9,747	69,522
	Orlando-Orange County Expressway	35,407	4,227	21,388	3,160	-	51,020	3,725	-	118,927	98,850	87,324
	Pinellas Bayway	1,987	154	1,083	-	-	-	-	2,388	5,612	19,664	-
	Santa Rosa (Navarre) Bridge	-	270	230	-	-	6,030	-	-	6,530	63,331	23,101
	Sunshine Skyway (Lower Tampa Bay Bridge)	4,551	1,159	1,542	-	-	1,729	2,735	5,003	16,719	9,281	3,780
	Tampa-Hillsborough County (South Crosstown) Expressway	-	1,916	3,673	1,207	-	6,714	6,349	-	19,859	9,792	15,185
	Total	288,423	30,628	86,373	11,271	8,858	156,046	113,117	16,038	710,754	609,212	209,878
Georgia	Georgia 400	795	1,582	1,773	569	-	5,984	3,505	-	14,208	18,610	12,546
	Torras Causeway	6	49	480	442	-	-	-	-	977	6,682	-
	Total	801	1,631	2,253	1,011	-	5,984	3,505	-	15,185	25,292	12,546
Illinois	Illinois Toll Highway System	122,200	25,884	50,352	44,590	12,594	51,369	30,290	-	337,279	338,293	204,245
Indiana	Indiana East-West Toll Road	16,719	9,731	8,029	2,322	3,598	24,992	128,625	6,421	200,437	113,171	39,133
	Wabash Memorial and Brandenburg-Maukport Bridges	-	-	330	-	-	-	-	21	351	8,256	-
	Total	16,719	9,731	8,359	2,322	3,598	24,992	128,625	6,442	200,788	121,427	39,133
Kansas	Kansas Turnpike System	20,363	6,944	8,615	8,203	2,805	11,049	4,840	-	62,819	79,428	8,581
Kentucky	Kentucky Parkway System	12,654	-	-	54	-	7,338	19,645	-	39,691	2,601	41,842
Louisiana	Ascension (Sunshine) Bridge and St. James Ferry	-	-	828	7	-	276	1,497	-	2,608	564	3,346
	Greater New Orleans Bridges	18,244	-	160	297	-	1,922	1,040	-	21,663	71,869	5,333
	Greater New Orleans Expressway	7,308	1,321	3,051	2,332	581	4,121	1,540	400	20,654	23,531	8,947
	Total	25,552	1,321	4,039	2,636	581	6,319	4,077	400	44,925	95,964	17,626
Maine	Island Ferry System	-	-	3,794	31	-	-	-	-	3,825	306	-
	Maine Turnpike	38,198	5,361	10,736	6,912	1,662	9,220	5,489	24,424	102,002	26,136	12,235
	Total	38,198	5,361	14,530	6,943	1,662	9,220	5,489	24,424	105,827	26,442	12,235
Maryland	Chesapeake Bay and various river crossings 6/	101,170	5,203	28,434	8,379	12,745	11,404	10,140	-	177,475	128,344	68,054
	John F. Kennedy Memorial Highway	34,565	2,803	1,083	61	2,146	-	-	-	40,658	-	-
	Total	135,735	8,006	29,517	8,440	14,891	11,404	10,140	-	218,133	128,344	68,054
Massachusetts	East Boston Tunnels/ Massachusetts Turnpike System	61,070	23,075	72,243	23,323	-	25,937	555,909	-	761,557	920,964	441,147
	Maurice J. Tobin (Mystic River) Bridge	-	4,003	-	2,603	-	-	-	-	6,606	-	-
	Total	61,070	27,078	72,243	25,926	-	25,937	555,909	-	768,163	920,964	441,147
Michigan	Blue Water Bridge	16,030	3,012	-	-	-	-	-	200	19,242	25,843	-
	Mackinac Straits Bridge	27	6,690	1,632	538	-	-	-	-	8,887	22,517	-
	Sault Sainte Marie Bridge	865	1,073	1,072	455	-	394	2,280	-	6,139	5,396	1,721
	Total	16,922	10,775	2,704	993	-	394	2,280	200	34,268	53,756	1,721
New Hampshire	New Hampshire Turnpike System	24,259	4,450	6,419	7,337	2,752	18,482	9,426	-	73,125	129,057	157

# DISBURSEMENTS OF STATE-ADMINISTERED TOLL ROAD AND CROSSING FACILITIES - 1997 1/

TABLE SF-4B

OCTOBER 1998

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINIS- TRATION AND MISCEL- LANEOUS	HIGHWAY LAW ENFORCE- MENT	INTEREST	BOND RETIREMENT	TRANSFERS 2/	TOTAL DISBURSEMENTS	BALANCES END OF YEAR	
											RESERVES FOR CONSTRUCTION, OPERATION, ETC.	RESERVES FOR DEBT SERVICE
New Jersey	Atlantic City Expressway	-	5,875	8,470	4,625	3,848	3,048	2,135	3,689	31,690	146,084	6,152
	Delaware River - northern crossings 7/	7,810	2,918	10,435	4,352	-	3,294	2,440	2,540	33,789	32,287	6,862
	Garden State Parkway	32,108	37,713	36,744	22,366	21,976	34,764	15,510	10,000	211,181	171,697	90,903
	New Jersey Turnpike System	47,379	32,743	131,175	12,618	20,015	164,814	67,990	12,000	488,734	469,482	148,969
	Total	87,297	79,249	186,824	43,961	45,839	205,920	88,075	28,229	765,394	819,550	252,886
New York	Cornwall-Massena Bridge	48	1,237	852	60	-	-	-	255	2,452	595	-
	Hudson River crossings 8/	9,666	518	8,434	1,743	-	3,340	23,063	-	46,764	49,631	8,566
	Manhattan and Staten Island area crossings 9/	161,166	-	184,641	39,738	-	-	-	129,617	515,162	-	-
	Ogdensburg-Prescott Bridge	303	177	953	824	-	-	-	73	2,330	1,043	-
	Peace Bridge	9,027	3,986	3,640	2,879	-	2,714	805	114	23,165	25,908	-
	Rainbow, Lewiston-Queenston & Whirlpool Rapids Bridges	20,684	2,836	3,621	1,145	-	5,562	605	-	34,453	115,893	10,012
	Thomas E. Dewey Thruway	121,745	85,936	44,818	61,449	19,395	64,093	19,640	46,248	463,324	355,473	80,961
	Thousand Island Bridges	2,372	1,827	678	597	-	140	590	218	6,422	7,381	880
	Total	325,011	96,517	247,637	108,435	19,395	75,849	44,703	176,525	1,094,072	555,924	100,419
North Carolina	Cedar Island, Ocracoke and Southport-Ft. Fisher Ferries	-	-	7,065	-	-	-	-	-	7,065	-	-
Ohio	Ohio Turnpike	191,619	19,232	21,343	13,190	9,961	26,644	5,620	-	287,609	238,483	50,995
Oklahoma	Oklahoma Turnpike System (Will Rogers Turnpike)	36,672	9,681	11,904	3,622	5,630	39,323	12,025	-	118,857	111,656	112,187
Pennsylvania	Delaware River - Philadelphia area crossings 10/	38,164	2,639	29,057	17,097	-	25,221	9,542	43,759	165,479	222,242	78,890
	Pennsylvania Turnpike System	170,123	46,043	57,562	32,872	17,968	71,058	22,845	-	418,471	564,279	75,527
	Total	208,287	48,682	86,619	49,969	17,968	96,279	32,387	43,759	583,950	786,521	154,417
Rhode Island	Mt. Hope and Jamestown-Newport Bridges	-	1,242	1,144	1,193	-	1,833	-	-	5,412	21,294	6,246
Tennessee	Cumberland City and Clifton Ferries	-	-	-	-	-	-	-	71	71	-	-
Texas	Dallas North Tollway	46,071	1,445	12,730	84	-	45,671	263,921	-	369,922	578,788	77,267
	Mountain Creek Lake Bridge	-	10	625	-	-	392	370	-	1,397	832	3,402
	Total	46,071	1,455	13,355	84	-	46,063	264,291	-	371,319	579,620	80,669
Utah	John Atlantic Burr Ferry	-	90	250	-	-	-	-	-	340	-	-
Virginia	Chesapeake Bay Bridge and Tunnel System	92,142	2,887	2,250	2,868	-	14,859	-	-	115,006	115,968	22,494
	Coleman Bridge	12,702	-	-	1,145	-	2,526	540	-	16,913	7,204	1,416
	Dulles Toll Road	22,163	-	-	7,929	462	5,613	5,952	-	42,119	48,368	14,033
	Jamestown Ferry	-	-	4,517	-	-	-	-	-	4,517	-	-
	Powhite Parkway Extension Toll Road	-	-	-	2,432	410	3,533	3,045	-	9,420	2,864	3,250
	Total	127,007	2,887	6,767	14,374	872	26,531	9,537	-	187,975	174,404	41,193
Washington	Puget Sound Ferry System	104,514	23,219	92,875	24,206	-	9,607	10,345	4,213	268,979	155,019	6,104
West Virginia	West Virginia Turnpike	13,760	12,569	7,621	4,696	1,973	7,131	3,850	927	52,527	42,106	5,897
Summary	Total Bridge and Tunnel Facilities	607,708	86,321	423,918	128,556	26,129	253,167	123,292	219,819	1,868,910	2,007,470	411,999
	Total Road Facilities	1,382,699	339,811	488,235	272,689	127,218	612,604	1,236,774	103,296	4,563,326	4,582,600	1,474,396
	Total Ferry Facilities	161,512	25,509	173,974	27,537	-	9,644	10,967	4,284	413,427	155,325	6,104
	Grand Total	2,151,919	451,641	1,086,127	428,782	153,347	875,415	1,371,033	327,399	6,845,663	6,745,395	1,892,499

1/ Tables SF-3B and SF-4B are concerned solely with receipts and disbursements for State and quasi-State toll facilities. See Tables LGF-3B and LGF-4B for data on public and quasi-public facilities operated by or for local governments. See Tables SB-2T and SB-3T for information on toll facility bond indebtedness. See Table SF-21 for general note on SF table series. This table is compiled from reports of State authorities.

2/ Includes direct expenditures for nonhighway purposes and transfers to other agencies for both highway and nonhighway purposes. The amount used for nonhighway purposes can be determined by taking total tolls from SF-3B and subtracting tolls used for highways on Tables SF-21 and tolls used for mass transportation on table MT-1.

3/ Private companies have contracted with the State to build and operate these facilities. At a later date, they will be transferred to the State. The amounts shown represent only the State's oversight costs.

4/ Include the Carquinez, Benicia-Martinez, Antioch, and Richmond-San Rafael Bridges.

5/ Includes the San Francisco-Oakland Bay, San Mateo-Hayward, and Dumbarton Bridges.

6/ Includes Chesapeake Bay, Francis Scott Key, Potomac River and Susquehanna River Bridges; Baltimore Harbor and Fort McHenry Tunnels.

7/ Includes the Trenton-Morrisville, New Hope-Lambertville, Interstate 78, Easton-Phillipsburg, Portland-Columbia, and Milford-Montague Bridges.

8/ Includes the Newburgh-Beacon, Mid-Hudson, Rip Van Winkle, Kingston-Rhinecliff and Bear Mountain Bridges.

9/ Includes the George Washington, Bayonne and Goethals Bridges; Holland and Lincoln Tunnels.

10/ Includes the Walt Whitman, Ben Franklin, Betsy Ross and Commodore Barry Bridges.

# RECEIPTS OF LOCAL TOLL FACILITIES - 1996 1/

TABLE LGF-3B

SHEET 1 OF 2

OCTOBER 1998

( THOUSANDS OF DOLLARS )

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCE BEGINNING OF YEAR	ROAD AND CROSSING TOLLS	CONCES- SIONS AND RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
California	Foothill/Eastern Toll Roads	Foothill/Eastern Transportation Corridor Agency	1,288,811	5,924	-	72,393	13,389	-	91,706
	Golden Gate Bridge	Golden Gate Bridge and Highway District	84,323	58,306	2,357	4,215	1,211	-	66,089
	Murray Road Toll Bridge	City of Oceanside	499	1,358	-	22	479	-	1,859
	San Joaquin Hills Toll Road	San Joaquin Hills Transportation Corridor Agency	638,467	-	-	34,122	24,848	-	58,970
	Total		2,012,100	65,588	2,357	110,752	39,927	-	218,624
Colorado	E-470 Beltway	E-470 Public Highway Authority	562,780	1,663	-	32,246	5,838	7,307	47,054
	Pikes Peak Toll Highway	City of Colorado Springs	1,660	1,779	-	52	13	-	1,844
	Total		564,440	3,442	-	32,298	5,851	7,307	48,898
Florida	Biscayne Key (Rickenbacker) Causeway	Dade County Port Authority	-	4,260	-	31	529	-	4,820
	Broad Causeway	Town of Bay Harbor Islands	1,489	3,296	54	92	-	-	3,442
	Card Sound Toll Bridge	Monroe County	3,312	881	-	198	2	-	1,081
	Clearwater Toll Bridge 2/	City of Clearwater	-	-	-	-	-	-	-
	Lee County Toll Bridges 3/	Lee County	132,634	19,874	-	1,205	3	-	21,082
	Osceola County Parkway	Osceola County	12,705	2,826	34	977	6,842	-	10,679
	Pensacola Beach Bridge	Pensacola County	28	1,847	-	-	1,353	-	3,200
	Treasure Island Causeway	City of Treasure Island	-	1,537	-	25	15	-	1,577
	Venetian Causeway	Dade County Port Authority	-	682	-	1	168	-	851
	Total		150,168	35,203	88	2,529	8,912	-	46,732
Illinois	Calumet Skyway Toll Bridge (Chicago Skyway)	City of Chicago	55,084	27,778	39	3,032	381	171,866	203,096
	McKinley Bridge	City of Venice	1,334	1,934	250	56	3,542	-	5,782
	New Harmony Bridge	White County Bridge Commission	264	400	-	12	6	-	418
	Rock Island Centennial Bridge	City of Rock Island	14,491	2,297	-	998	2,104	-	5,399
	Total		71,173	32,409	289	4,098	6,033	171,866	214,695
Maine	Machigonne II and Rebel Ferries	Casco Bay Island Transit District	793	1,938	380	18	272	-	2,608
Massachusetts	Woods Hole, Martha's Vineyard and Nantucket Ferries	Wood's Hole Steamship Authority	17,050	22,008	-	669	20,947	-	43,624
Michigan	Ironton Ferry	Charlevoix County Road Commission	75	106	-	-	-	-	106
	St. Mary's River Ferry System	Eastern Upper Peninsula Transportation Authority	-	754	1	-	770	-	1,525
	Total		75	860	1	-	770	-	1,631
Missouri	Platte Purchase Bridge	Platte County	34	424	-	-	-	-	424
	St. Francisville Bridge	Wayland Special Road District	400	398	-	19	13	-	430
	Total		434	822	-	19	13	-	854
Nebraska	Bellevue Bridge	Bellevue Bridge Commission	132	611	2	22	-	-	635
	Burt County Missouri River (Decatur) Bridge	Burt County Bridge Commission	267	402	-	8	2	-	412
	Total		399	1,013	2	30	2	-	1,047
New Jersey	Cape May County Bridges	Cape May Bridge Commission	5,934	3,009	-	245	341	-	3,595
	Tacony-Palmyra and Burlington-Bristol Bridges	Burlington County Bridge Commission	48,602	14,957	-	2,615	163	-	17,735
	Total		54,536	17,966	-	2,860	504	-	21,330

# RECEIPTS OF LOCAL TOLL FACILITIES - 1996 1/

OCTOBER 1998

( THOUSANDS OF DOLLARS )

TABLE LGF-3B  
SHEET 2 OF 2

STATE	NAME OF FACILITY	OPERATING AUTHORITY	BALANCE BEGINNING OF YEAR	ROAD AND CROSSING TOLLS	CONCES- SIONS AND RENTALS	NET INCOME FROM INVEST- MENTS	MISCEL- LANEOUS	BOND PROCEEDS	TOTAL RECEIPTS
New York	Atlantic Beach Bridge	Nassau County Bridge Authority	3,635	2,782	-	170	2	-	2,954
	Battery Staten Island Ferry 4/	City of New York	-	4,884	1,531	-	27,690	-	34,105
	Triborough Bridges and Tunnels	Triborough Bridge and Tunnel Authority	890,584	821,791	12,588	18,012	-	-	852,391
	Total		894,219	829,457	14,119	18,182	27,692	-	889,450
Oregon	Buena Vista Ferry	Polk County Road Department	-	6	-	-	43	-	49
	Canby Ferry	Clackamas County Road Department	-	44	-	-	154	-	198
	Cascade Locks Bridge 5/	Port of Cascade Locks Commission	637	867	-	-	-	-	867
	Hood River - White Salmon Bridge	Port of Hood River Commission	-	2,152	-	-	-	-	2,152
	Wheatland Ferry	Marion County Road Department	-	132	-	-	159	-	291
	Total		637	3,201	-	-	356	-	3,557
Pennsylvania	Fredericktown Ferry	Fayette/Washington County Joint Ferry Service	1	10	-	-	-	-	10
Tennessee	Salttillo Ferry 5/	Hardin County Highway Department	-	16	-	-	45	-	61
Texas	Cameron County International Toll Bridge	Cameron County	6,955	6,573	602	321	19	3,398	10,913
	Del Rio International Bridge	City of Del Rio	769	1,971	14	43	2,169	-	4,197
	Eagle Pass-Piedras Negras International Bridge	City of Eagle Pass	4,914	4,585	-	346	44	-	4,975
	Harris County Toll Facilities 6/	Harris County Toll Road Authority	469,055	95,862	-	23,614	30,727	258	150,461
	Laredo-Nuevo Laredo International Bridge	City of Laredo	4,628	18,200	45	408	11	-	18,664
	McAllen International Toll Bridge	City of McAllen	15,089	6,152	628	262	-	-	7,042
	Roma International Toll Bridge	Starr County	1,576	1,631	473	21	-	-	2,125
	San Luis Pass-Vacek Bridge	Galveston County	2,322	476	-	112	-	-	588
	Zaragoza Bridge	City of El Paso	103	9,930	-	5	-	-	9,935
	Total		505,411	145,380	1,762	25,132	32,970	3,656	208,900
Virginia	Jordan Bridge	City of Chesapeake	-	325	-	-	70	-	395
	Richmond Expressway System	Richmond Metropolitan Authority	29,503	16,603	-	1,416	71	2,300	20,390
	Total		29,503	16,928	-	1,416	141	2,300	20,785
Washington	Guemes Island Ferry	Skagit County	-	357	-	-	439	-	796
	Lummi Island-Gooseberry Point Ferry	Whatcom County	-	433	-	-	424	-	857
	Puget Island Ferry	Wahkiacum County	-	93	-	-	381	-	474
	Steilacoom (Tacoma-McNeil-Anderson) Ferry	Pierce County	272	889	-	-	-	-	889
	Total		272	1,772	-	-	1,244	-	3,016
West Virginia	Parkersburg Bridge	City of Parkersburg	740	1,183	-	31	-	-	1,214
Wisconsin	Cassville Car Ferry	Cassville Harbor Commission	-	56	3	-	-	-	59
Summary	Total Bridge and Tunnel Facilities		1,280,779	1,022,869	17,052	32,527	12,627	175,264	1,260,339
	Total Road Facilities		3,002,981	124,657	34	164,820	81,728	9,865	381,104
	Total Ferry Facilities		18,191	31,726	1,915	687	51,324	-	85,652
	Grand Total		4,301,951	1,179,252	19,001	198,034	145,679	185,129	1,727,095

1/ This table summarizes the receipts for publicly owned toll facilities operated by local governments, local road and bridge districts and specially created authorities. See Table LGF-21 for general note on local highway finance series. This table is compiled from reports of local authorities.

2/ Tolls removed on September 30, 1995, and facility freed.

3/ Lee County Bridges consists of the Cape Coral Bridge, the Midpoint Bridge,

and the Sanibel Bridge and Causeway.

4/ Miscellaneous income shown includes \$13,520,750 in State aid and a \$14,062,854 subsidy from New York City.

5/ Toll data estimated by FHWA.

6/ Harris County Toll Facilities consist of the Harris County Toll Road and the Jesse Jones Memorial Toll Bridge.

# DISBURSEMENTS OF LOCAL TOLL FACILITIES - 1996 1/

TABLE LGF-4B  
SHEET 1 OF 2

OCTOBER 1998

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT AND SAFETY	INTEREST	BOND RETIREMENT	TRANSFERS 2/	TOTAL DISBURSEMENTS	BALANCE END OF YEAR
California	Foothill/Eastern Toll Roads	139,045	1,016	900	1,515	-	49,172	-	-	191,648	1,188,869
	Golden Gate Bridge	2,053	8,904	7,639	6,172	-	-	-	29,718	54,486	95,926
	Murray Road Toll Bridge	-	192	105	28	-	286	215	1,033	1,859	498
	San Joaquin Hills Toll Road	302,185	-	-	122	-	48,251	-	-	350,558	346,879
	Total	443,283	10,112	8,644	7,837	-	97,709	215	30,751	598,551	1,632,172
Colorado	E-470 Beltway	112,855	-	2,101	2,380	-	15,608	389	-	133,333	476,501
	Pikes Peak Toll Highway	86	-	2,449	-	-	-	-	7	2,542	961
	Total	112,941	-	4,550	2,380	-	15,608	389	7	135,875	477,462
Florida	Biscayne Key (Rickenbacker) Causeway	-	773	1,541	-	-	700	1,350	455	4,819	-
	Broad Causeway	-	225	2,148	-	-	165	80	113	2,731	2,201
	Card Sound Toll Bridge	-	-	468	-	-	-	-	-	468	3,925
	Clearwater Toll Bridge 3/	-	-	-	-	-	-	-	-	-	-
	Lee County Toll Bridges 4/	385	104	3,371	-	-	10,207	1,750	9,786	25,603	128,114
	Osceola County Parkway	8,057	1,137	271	109	-	7,252	-	-	16,826	6,558
	Pensacola Beach Bridge	2	-	583	-	-	928	1,320	-	2,833	395
	Treasure Island Causeway	-	48	492	-	-	83	195	760	1,578	-
	Venetian Causeway	-	463	388	-	-	-	-	-	851	-
	Total	8,444	2,750	9,262	109	-	19,335	4,695	11,114	55,709	141,193
Illinois	Calumet Skyway Toll Bridge (Chicago Skyway)	10,944	1,637	2,148	1,800	-	7,570	116,124	2,000	142,223	115,958
	McKinley Bridge	3,794	912	354	552	-	71	209	-	5,892	1,223
	New Harmony Bridge	-	21	124	162	-	-	-	-	307	375
	Rock Island Centennial Bridge	4,753	51	379	189	-	438	3,420	20	9,250	10,640
	Total	19,491	2,621	3,005	2,703	-	8,079	119,753	2,020	157,672	128,196
Maine	Machigonne II and Rebel Ferries	144	320	1,484	700	-	4	50	-	2,702	698
Massachusetts	Woods Hole, Martha's Vineyard and Nantucket Ferries	-	9,903	19,266	12,389	-	2,188	2,000	-	45,746	14,928
Michigan	Ironton Ferry	-	-	99	-	-	-	-	-	99	82
	St. Mary's River Ferry System	-	136	1,184	206	-	-	-	-	1,526	-
	Total	-	136	1,283	206	-	-	-	-	1,625	82
Missouri	Platte Purchase Bridge	-	-	213	-	-	8	226	-	447	11
	St. Francisville Bridge	-	22	70	42	-	-	-	235	369	461
	Total	-	22	283	42	-	8	226	235	816	472
Nebraska	Bellevue Bridge	-	203	258	18	-	140	-	-	619	148
	Burt County Missouri River (Decatur) Bridge	-	216	-	37	-	1	28	-	282	397
	Total	-	419	258	55	-	141	28	-	901	545
New Jersey	Cape May County Bridges	448	36	2,244	182	-	210	385	-	3,505	6,022
	Tacony-Palmyra and Burlington-Bristol Bridges	-	3,080	1,837	17,480	1,286	1,698	-	51	25,432	40,906
	Total	448	3,116	4,081	17,662	1,286	1,908	385	51	28,937	46,928



# DISBURSEMENTS OF LOCAL TOLL FACILITIES - 1996 1/

TABLE LGF-4B  
SHEET 2 OF 2

OCTOBER 1998

(THOUSANDS OF DOLLARS)

STATE	NAME OF FACILITY	CAPITAL OUTLAY	MAINTENANCE	OPERATIONS	ADMINISTRATION AND MISCELLANEOUS	HIGHWAY LAW ENFORCEMENT AND SAFETY	INTEREST	BOND RETIREMENT	TRANSFERS 2/	TOTAL DISBURSEMENTS	BALANCE END OF YEAR
New York	Atlantic Beach Bridge	415	60	2,218	808	-	153	80	-	3,734	2,855
	Battery Staten Island Ferry	-	6,495	19,826	7,784	-	-	-	-	34,105	-
	Triborough Bridges and Tunnels 5/	164,714	42,031	108,613	30,487	-	23,199	11,038	371,624	751,706	991,268
	Total	165,129	48,586	130,657	39,079	-	23,352	11,118	371,624	789,545	994,123
Oregon	Buena Vista Ferry	-	12	28	9	-	-	-	-	49	-
	Canby Ferry	-	39	158	-	-	-	-	-	197	-
	Cascade Locks Bridge 6/	1	34	137	37	-	-	-	637	846	658
	Hood River - White Salmon Bridge	392	153	235	-	-	185	340	847	2,152	-
	Wheatland Ferry	-	118	137	36	-	-	-	-	291	-
	Total	393	356	695	82	-	185	340	1,484	3,535	658
Pennsylvania	Fredericktown Ferry	-	5	3	-	-	-	-	-	8	4
Tennessee	Salttillo Ferry 6/	-	-	6	55	-	-	-	-	61	-
Texas	Cameron County International Toll Bridge	1,674	-	1,804	-	-	690	330	5,764	10,262	7,606
	Del Rio International Bridge	2,463	332	230	-	-	558	190	-	3,773	1,193
	Eagle Pass-Piedras Negras International Bridge	246	29	700	55	-	119	55	3,355	4,559	5,330
	Harris County Toll Facilities 7/	74,388	1,184	14,601	-	-	84,328	9,443	4,197	188,141	431,374
	Laredo-Nuevo Laredo International Bridge	537	-	12,532	-	-	1,026	1,061	5,334	20,490	2,802
	McAllen International Toll Bridge	-	-	1,329	148	-	136	309	5,584	7,506	14,624
	Roma International Toll Bridge	15	2	196	272	-	440	179	1,884	2,988	713
	San Luis Pass-Vacek Bridge	-	-	398	120	-	-	-	-	518	2,392
	Zaragosa Bridge	239	46	641	407	-	267	240	8,123	9,963	75
	Total	79,562	1,593	32,431	1,002	-	87,564	11,807	34,241	248,200	466,109
Virginia	Jordan Bridge	1	6	382	7	-	-	-	-	396	-
	Richmond Expressway System	27	1,885	3,525	1,715	-	9,762	3,040	-	19,954	29,937
	Total	28	1,891	3,907	1,722	-	9,762	3,040	-	20,350	29,937
Washington	Guemes Island Ferry	-	223	573	-	-	-	-	-	796	-
	Lummi Island-Gooseberry Point Ferry	-	240	617	-	-	-	-	-	857	-
	Puget Island Ferry	-	118	303	-	-	-	-	-	421	54
	Steilacoom (Tacoma-McNeil-Anderson) Ferry	-	242	622	-	-	-	-	-	864	297
	Total	-	823	2,115	-	-	-	-	-	2,938	351
West Virginia	Parkersburg Bridge	343	114	252	180	-	94	298	-	1,281	672
Wisconsin	Cassville Car Ferry	-	2	31	24	-	-	-	2	59	-
Summary	Total Bridge And Tunnel Facilities	193,419	59,694	154,029	59,183	1,286	49,372	139,422	447,323	1,103,728	1,437,388
	Total Road Facilities	636,643	5,222	23,847	5,841	-	214,373	12,872	4,204	903,002	2,481,079
	Total Ferry Facilities	144	17,853	44,337	21,203	-	2,192	2,050	2	87,781	16,063
	Grand Total	830,206	82,769	222,213	86,227	1,286	265,937	154,344	451,529	2,094,511	3,934,530

1/ This table summarizes the disbursements for publicly owned toll facilities operated by local governments, local road and bridge districts and specially created authorities. See Table LGF-3B for names of operating authorities. See Table LGF-21 for general note on local highway finance series. This table is compiled from reports of local authorities.

2/ Includes direct expenditures for nonhighway purposes and transfers to other State and local agencies for both highway and nonhighway projects.

3/ Tolls removed on September 30, 1995, and facility freed.

4/ Lee County Bridges consists of the Cape Coral Bridge, the Midpoint Bridge,

and the Sanibel Bridge and Causeway.

5/ Transfers shown include amounts used for maintenance, operations and debt service of the New York City Transit Authority, the Metropolitan Transportation Authority and the Triborough Transportation Project.

6/ Toll data estimated by FHWA.

7/ Harris County Toll Facilities consist of the Harris County Toll Road and the Jesse Jones Memorial Toll Bridge.

## Appendix

The data for this report were obtained by the field offices of the Federal Highway Administration (FHWA) in cooperation with the State highway agencies. The material was collected and organized by the Office of Highway Policy Information. Comments are welcomed and may be submitted to:

Highway Systems Performance (HPPI)  
Federal Highway Administration  
400 Seventh Street, SW.  
Washington, D.C. 20590.  
202-366-5068

Other organizations that compile data related to toll facilities include:

The **International Bridge, Tunnel and Turnpike Association** (IBTTA) maintains an address directory of its membership and serves as an information clearing house and research center. It also conducts surveys and studies and publishes a variety of reports, statistics, and analyses.

IBTTA  
2120 L Street, NW., Suite 305  
Washington, D.C. 20037  
202-659-4620

The **American Automobile Association** (AAA) compiles a directory of toll facilities containing such current information as rates, load limits, frequency of service, etc.

American Automobile Association  
1000 AAA Drive  
Heathrow, Florida 32746-5063  
407-444-7000

## Partial Listing of Toll Facilities (Names, Addresses, Phone Numbers)

### Alabama

United Toll Systems  
55 Emerald Mountain Exp  
Wetumpka, AL 36093  
Tel: 334-567-2001

Von Bergan Ltd  
400 West Ramano Street  
Pensacola, FL 32501  
Tel: 850-434-7345

### California

Robert L. Fugle  
Golden Gate Bridge Highway  
& Transportation District  
Box 9000, Presidio Station  
San Francisco, CA 94129-0601

Raylynne Calhoun  
California Trans Commission  
1120 N Street  
Sacramento, CA 95814  
Tel: 916-654-2064

### Murray Road Toll Bridge

Ron Jack  
Director, Adm Serv Dept  
City of Oceanside  
300 North Coast Highway  
Oceanside, CA 92054  
Tel: 760-966-4618

### Routes 125, 57, 91, & Mid-State Toll Roads

Roy Nagy, External Affairs  
California Dept of Trans  
P.O. Box 942874  
Sacramento, CA 94274-0001  
Tel: 916-654-6076

### San Joaquin Hills, Foothill & Eastern Trans Corridors

Trans Corridor Agencies  
P.O. Box 28870  
Santa Ana, CA 92799-8870  
Tel: 714-436-9800

### State-Owned Toll Bridges

Dennis Mulligan  
Toll Bridges Program Manager  
California Department of Trans  
District 4; P.O. Box 23660  
Oakland, CA 94623-0660  
Tel: 510-286-6293

### Colorado

Gretchen Atchinson  
E-470 Public Highway Authority  
Suite 370 So, 7600 East Orchid Rd  
Greenwood Village, CO 80111  
Tel: 303-773-9588

### Florida

Robert Garcia  
Miami-Dade County Expway Auth  
3790 Northwest 21st Street  
Miami, FL 33142  
Tel: 305-637-3277

Jim Vest  
Mid Bay Bridge Authority  
P.O. Box 5037  
Niceville, FL 32578-5037  
Tel: 850-897-1428

Gregory Dailer  
Orlando-Orange Co. Expway Auth  
525 South Magnolia Avenue  
Orlando, FL 32801  
Tel: 407-316-3800

Brady Sneath  
Tampa-Hillsborough Co Expway Auth  
412 East Madison St - Suite 802  
Tampa, FL 33602  
Tel: 813-272-6740

Deborah H. Stemle  
Director of Toll Operations  
Ofc of Toll Operations-Tallahassee  
Florida Dept of Transportation  
920 East Lafayette Street  
Tallahassee, FL 32301

Tel: 850-488-5687

Jim Ely, District Secretary  
Florida's Turnpike, Tallahassee  
Florida Dept of Transportation  
920 East Lafayette Street  
Tallahassee, FL 32301  
Tel: 850-488-4671

### Indiana

Indiana East-West Toll Rd (I-90)  
52551 Ash Road; P.O. Box 1  
Granders, IN 46530-0001  
Tel: 219-674-8836

### Wabash Memorial Bridge

(SR 62 over Wabash River west of Mt.  
Vernon, IN at the IN-IL State line)  
Indiana Trans Finance Auth  
One North Capitol Ave-Rm 320  
Indianapolis, IN 46204  
Tel: 317-233-6322

### Kansas

Michael L. Johnston  
President/CEO  
9401 East Kellogg  
Wichita, KS 67207-1804  
Tel: 316-682-4537  
Fax: 316-682-1201  
E-Mail: kta@southwind.net  
Internet: <http://ksturnpike.com>

### Louisiana

Hunter Wagner  
Greater New Orleans Exp Com  
P.O. Box 7656  
Metairie, LA 70010  
Tel: 504-835-3118

Alan J. Levasseur  
Crescent City Connection Div  
Bridge & Marine Administrator  
P.O. Box 6297

New Orleans, LA 70174-6297  
Tel: 504-364-8100

Barbara Bennett  
Sunshine Bridge Operations  
P.O. Box 1566  
Donaldsonville, LA 70346-1566  
Tel: 225-274-2002

**Ferry Information:**

Gill Gautreau, Structures &  
Facilities Maintenance Engr. Mgr.  
P.O. Box 94245  
Baton Rouge, LA 70804-9245  
Tel: 225-379-1552

**Maine**

Maine Turnpike Authority  
430 Riverside Street  
Portland, ME 04103  
Tel: 207-871-7771

**Michigan**

**Toll Facilities**  
Bruce Campbell  
Blue Water Bridge Authority  
1410 Elmwood Street  
Port Huron, MI 48060  
Tel: 810-987-5760

Marcie Raver  
Detroit Internat'l Bridge Auth  
(Ambassador Bridge)  
P.O. Box 32666  
Detroit, MI 48232  
Tel: 313-849-5244

Neal Godby, Office Administrator  
Internatinal Bridge Authority  
P.O. Box 317  
Sault Ste. Marie, MI 49783  
Tel: 906-635-5255

Donald Vuchetich, President  
Detroit-Canada Tunnel Corp  
100 East Jefferson  
Detroit, MI 48226  
Tel: 313-567-4422

Paul Smoke  
President  
Grosse Isle Bridge Authority

P.O. Box 24  
Grosse Isle, MI 48138  
Tel: 734-675-0511

Henry Lotoszinski  
Exec Sec, Mackinac Brdg Auth  
333 I-75  
St. Ignace, MI 49781  
Tel: 906-643-7600

**Ferry Services**

Lynn DeGrow  
Beaver Island Boat Company  
103 Bridge Park Drive  
Charlevoix, MI 49720  
Tel: 616-547-2311

David Bryson  
Champion's Auto Ferry  
3647 Pte. Tremble Road  
Algonac, MI 48001  
Tel: 313-748-3757

Lowell Dalgety  
Blue Water Ferry Ltd.  
P.O. Box 72  
Sombra, Ontario NOP 2BO  
Tel: 519-892-3879

Jane Brannon  
Charleviox County Trans Auth  
c/o County Clerk, County Building  
Charlevoix, MI 49720  
Tel: 616-547-7200

Gregg Ward  
Detroit Windsor Truck Ferry  
6975 West Jefferson, P.O. Box 09033  
Detroit, MI 48209  
Tel: 313-842-2088

Jim Anderson  
Lake Michigan Carferry Serv, Inc.  
P.O. Box 708  
Ludington, MI 49431-0279  
Tel: 616-845-5555

Dale Dean  
Walpole-Algonac Ferry Co. Ltd.  
4258 St. Claire Parkway  
Port Lambton, Ontario NOP 2BO  
Tel: 519-677-5781

Judith Walsh, Eastern Upper

Peninsula Trans Authority  
4001 I-75 Business Spur  
Sault Ste. Marie, MI 49783  
Tel: 906-632-2898

Curtis Plaunt  
Plaunt Transportation Company  
P.O. Box 2  
Cheboygan, MI 49721-0002  
Tel: 616-627-2354

**Nebraska**

Jeffrey L. Renner, Receiver  
Bellevue Bridge Commission  
P.O. Box 133  
Bellevue, NE 68005

Jack Maryott  
Decatur Bridge Commission  
100 East 7th Street  
Decatur, NE 68020  
Tel: 349-5375

**North Carolina**

**Ferry Operations**  
Jerry Gaskill, Dir, Ferry Division  
North Carolina Depart of Trans  
113 Arendell Street - Room 120  
Morehead City, NC 28557  
Tel: 252-726-1380  
E-mail: jgaskill@mail.dot.state.nc.us

**Ohio**

The Ohio Turnpike Com  
682 Prospect Street  
Berea, OH 44017  
Tel: 440-234-2081  
Fax: 440-234-4618

**Oklahoma**

Neal A. McCaleb, Director  
David Machamer, Toll Opr Dir  
Oklahoma Turnpike Authority  
P.O. Box 11357  
Oklahoma City, OK 73136-0357  
Tel: 405-425-3600  
Fax: 405-427-8246

## **Rhode Island**

Rhode Island Turnpike & Bridge  
Authority  
P.O. Box 437  
Jamestown, RI 02835  
Tel: 401-423-0800

## **Tennessee**

### **Cumberland City & Danville Ferries**

Paul Ritchie  
Two Rivers Excursions, Inc.  
134 Hickory Grove Road  
Clarksville, TN 37041-0602  
Tel: 615-647-5500

### **Saltillo Ferry**

Daryl Blount, Superintendent  
Hardin County Highway Dept  
P.O. Box 116  
Savannah, TN 38372  
Tel: 901-925-4993

### **Helms Ferry**

Clayton H. Helms, Superintendent  
Union County Highway Department  
P.O. Box 175  
Maynardville, TN 37807  
Tel: 615-992-5286

## **Texas**

Sam R. Sparks, President/Owner  
B & P Bridge Co. Of Weslaco  
P.O. Box 130  
Progreso, TX 78579  
Tel: 956-565-6361  
Fax: 956-565-6362

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President/Chief Operating Officer  
Brownsville & Matamoros Brdg Co.  
P.O. Box 191  
Brownsville, TX 78522-0191  
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City of Del Rio  
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Del Rio, TX 78841-4239  
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307 South 12th Street  
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City of Eagle Pass  
P.O. Box 4019  
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City of El Paso  
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Laredo, TX 78040  
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City of McAllen  
P.O. Box 399  
Hidalgo, TX 78557  
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900 Doherty Avenue  
Mission, TX 78572  
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Fax: 956-580-8669

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Pharr, TX 78577  
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El Paso, TX 79901  
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Rocky Escobedo  
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Fax: 214-753-2469

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P.O. Box 941  
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Fax: 956-849-4308

Sam Vale, President  
Starr-Comargo Bridge Co.  
P.O. Box 156  
Rio Grande City, TX 78582  
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Mike Lynch  
State Bridge Inspection Engineer  
TX DOT - Design Division  
125 East 11th Street  
Austin, TX 78701  
Tel: 512-416-2174  
Fax: 512-416-2286

Stan Hall  
TX DOT - Dallas District  
P.O. Box 3067  
Dallas, TX 75221-3067  
Tel: 214-320-6155  
Fax: 214-320-4470

## **Vermont**

Lake Chaplain Transportation  
King Street Dock  
Burlington, VT 05401  
Tel: 802-660-3495  
Shorewell Ferries  
4675 West Route 74  
Shoreham, VT 05770  
Tel: 802-897-7999

## **Washington**

Washington State Ferries Division  
Colman Dock/Pier 52  
801 Alaskan Way  
Seattle, WA 98104-1487  
Tel: 206-515-3400

Guemes Island Ferry  
Skagit County  
Public Works Department  
1111 Cleveland Avenue  
Mount Vernon, WA 98273-4215  
Tel: 360-336-9400

Lummi Island-Gooseberry Pt Ferry  
Whatcom County  
Public Works Department  
Whatcom County Courthouse  
311 Grand Avenue  
Bellingham, WA 98225-4038  
Tel: 360-676-6759

Puget Island Ferry  
Wahkiakum County  
Public Works Department  
P.O. Box 97  
Cathlamet, WA 98612  
Tel: 360-795-3301

Stellacoom (Tacoma-McNeil-Anderson) Ferry; Pierce County  
Public Works Department  
2401 South 35th Street, Room 150  
Tacoma, WA 98409-7485  
Tel: 253-798-7250

## **West Virginia**

**West Virginia Turnpike:**  
William H. Gavan, Gen. Mngr  
West Virginia Parkways, Economic  
Development & Tourism Auth  
P.O. Box 1469  
Charleston, WV 25325-1469  
Tel: 304-926-1900  
Fax: 304-926-1909

**Parkersburg Memorial Bridge:**  
Helen McAfee, Office Manager  
Parkersburg Memorial Bridge  
P.O. Box 983  
Parkersburg, WV 26102  
Tel: 304-422-0394

### **Sistersville Ferry:**

John Eckels, Chairman  
Ferry Boat Board  
City Hall  
200 Diamond Street  
Sistersville, WV 26175  
Tel: 304-652-6361  
Fax: 304-652-1217

## **Wisconsin**

Cassville Car Ferry  
P.O. Box 171  
Cassville, WI 53806  
Tel: 608-725-5180

Lake Michigan Car Ferry Serv, Inc.  
P.O. Box 708  
Ludington, MI 49431  
Tel: 1-800-841-4243

Washington Island Ferry Line, Inc.  
P.O. Box 39  
Washington Island, WI 54246  
Tel: 920-847-2546

Madeline Island Ferries, Inc.  
P.O. Box 66  
La Pointe, WI 54850  
Tel: 715-747-2051

## Bibliography

The following sources provide additional material on toll roads.

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“*Commuting, A Survey*” *The Economist*, September 5-11, 1998, London, P.52

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*Electronic Toll and Traffic Management (ETTM) Systems: National Highway Cooperative Research Program, Synthesis of Highway Practice 194* (Washington, D.C.: Transportation Research Board, 1993)

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*Examining Congestion Pricing Implementation Issues* (Washington, D.C.: Federal Highway Administration, PL-93-008, 1993)

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*Guidance for State Implementation of ISTEA Toll Provisions in Creating Public-Private Partnerships* (Washington, D.C.: Federal Highway Administration, PL-93-015, 1993)

*Going Private: The International Experience with Transport Privatization*, Jose A. Gomez-Ibanez, John R. Meyer (Washington, D.C.: The Brookings Institution, 1993)

*New Means of Financing Highways Including Public-Private Partnerships*, Gary Maring, *et. al.* Individual papers presented under the auspices of Committees and Working Groups, Volume 20.52.E, p. 323, Twentieth World Road Congress (Paris: Permanent International Associations of Road Congresses, 1995)

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*Toll Highway Financing: National Highway Cooperative Research Program, Synthesis of Highway Practice 117* (Washington, D.C.: Transportation Research Board, 1984)

*Toll Rate Survey* (Washington, D.C.: International Bridge, Tunnel and Turnpike Association, 1998), bi-annual

*Tolling Practices for Highway Facilities: National Highway Cooperative Research Program, Synthesis of Highway Practice 262* (Washington, D.C.: Transportation Research Board, 1998)

*Private-Sector Involvement and Toll Road Financing in the Provision of Highways, Transportation Research Record 1107* (Washington, D.C.: Transportation Research Board 1987)

*Public-Private Partnerships: Lessons Learned*, (Washington, D.C.:Federal Highway Administration, 1998)

*Road Pricing for Congestion Management: A Survey of International Practice National Highway Cooperative Research Program, Synthesis of Highway Practice 210* (Washington, D.C.: Transportation Research Board, 1994)

*Summary of Proposed Worldwide Toll Facility Projects*, (Washington, D.C.: International Bridge, Tunnel and Turnpike Association, 1997), bi-annual

*Summary of The Federal Highway Administration's Symposium on Overcoming Barriers to Public-Private Partnerships* (Washington, D.C.: Federal Highway Administration, PL-93-015, 1993)